Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

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Volume 149 No. 18 — Schnell Publishing Company, Inc., Publishers — May 6, 1946

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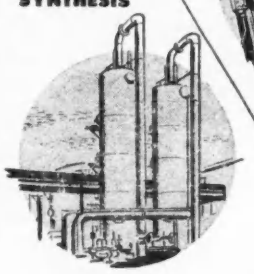

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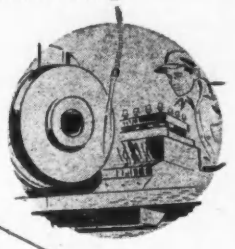

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Coal Strike Blocks Chemical Production

OPD Washington Bureau

Even when the soft coal dispute has been settled, there will still be a lag of about three weeks in deliveries to users of chemicals made from coal, says the Civilian Production Administration.

Coming on top of the steel strike, the coal strike, according to CPA, presents a serious setback to production hopes for 1946. Chemicals are used in all industrial processing; once they are out of production, it will be at least three weeks after the coal strike is settled before they start to flow to the other industries which use them.

Coal is not only a source of power for operations, but is a vital raw material for production of many chemicals and is also a source of the steam used in processing reactions. Since the chemicals industry furnishes materials used in other manufactured items, what happens to the chemical industry affects not only itself but all industry and agriculture.

Coal is so important to the chemical plants that in many instances during the war it was allocated to assure continued operations. Most chemical plants had no more than a thirty-day inventory of coal when the strike began, according to CPA. By the middle of April some important companies were down to a six-day supply, and in general not more than two weeks' inventory was existent throughout the industry. Agriculture is already being affected through the loss of production of fertilizer chemicals, it was added; the veterans' housing program is menaced through a lack of coal which is used in the roasting process of the lime plants, and even the production of nylons is affected since they are derived from coal, air, and water.

In its April report on production, CPA commented further on the effects of strikes on the chemical industry as follows:—

Many chemicals are made from the by-products of steel-coking operations, being derived from the recovered coaltar products. Ammonium sulphate, one of the principal nitrogen items for the production of commercial fertilizers, is derived in this way. Out of a total annual output of 180,000 tons of ammonium sul-

—*Continued on page 47*

NAIDM Committee Chairmen Appointed

C. L. Weirich, of C. B. Dolge Company, Westport, Conn., has been named chairman of the program committee for the thirty-second mid-year meeting of the National Association of Insecticide and Disinfectant Manufacturers, to be held at the French Lick Springs hotel, French Lick, Ind., June 17-19.

Other chairmen appointed are Ira P. McNair, of McNair-Dorland Company, New York, arrangements; Frank Nowland, George H. Nowland Company, Cincinnati, entertainment; C. W. Furst, Furst-McNess Company, Freeport, Ill., golf, and H. W. Jordan, Federal Chemical Company, Indianapolis, baseball.

Vegetable Oils Costs Hearings May 9

OPD Washington Bureau

Further hearings have been tentatively scheduled for May 9 by the senate small business investigating committee on the demands of the small vegetable oil processors for government action relieving them from the price squeeze on vegetable oils.

During hearings before the committee last week the OPA promised to re-examine the situation of the small processors in the light of their testimony that they are facing the prospect of being forced to operate in the red before the end of the year because of the curtailment of their market resulting from the heavy decline in ex-quota business.

Phosphate Data Given to Congress

OPD Washington Bureau

Data gathered by the Federal Trade Commission in its investigation of international phosphate cartels under the Webb-Pomerene export act, was incorporated in a report and subcommitted to congress by the Commission May 1.

The material contained in the report, which recently led to the American associations severing their contractural relations with producers at the request of the commission, traced the development of the industry from the time the first rock was mined in England in 1847 through the time of development of cartel operations.

Freight Embargo Ordered by ODT

Because of the continued strike in the bituminous coal fields and the rapid depletion of railroad reserve supplies, the Office of Defense Transportation has ordered an embargo, effective May 10, against the acceptance and forwarding of all carload and less-than-carload shipments consigned, reconsigned or to be reconsigned for all consignees in the United States, Canada and Mexico.

Exceptions to the embargo shall be:—

Livestock, live poultry and perishable freight as listed in the perishable protective tariff.

Coal, coke and charcoal, and petroleum and its products.

Food for human consumption, including wheat, corn, oats, rye, barley, rice, cereal products salt, canned goods, sugar, and lard substitutes.

Printing paper and printing ink.

Medicines, drugs, surgical instruments, dressings, hospital and sick room supplies.

Traffic originating at and destined for local points on one railroad or zone of such railroad which may supply freight service with other than coal-burning locomotives.

Shipments moving on permits issued by the car service division of the Association of American Railroads.

Labor-Management Policy Set By U.S. Chamber of Commerce

Atlantic City, May 2

A national policy embracing extensive revisions of the national labor relations act, to "equalize the rights of employers and employees," was approved last week by delegates attending the annual convention of the United States Chamber of Commerce, held in Atlantic City, N. J. The approved policy recommended:—

Giving employers the right to petition for elections to determine a question of collective bargaining representation as soon as a union demands bargaining rights.

Employers be given the right to bargain with employees just as an employer is "required" to bargain with employees.

Outlawing the use of physical force, threats, coercive language, mass picketing, or sit-down and slow-down strikes.

Exclusion of supervisory employees from the definition of "employee" in the act.

The resolution also proposed legislation prohibiting enforced payments by employers to labor organizations; interference with the movement of goods in interstate commerce; interference with the use or installation of materials, and the prohibiting of sympathy strikes and secondary boycotts.

Jurisdictional disputes should be eliminated through definite union procedures for their prompt settlement, and collective bargaining should be made binding on all parties to a contract with right of redress through the court, the proposal stated.

William K. Johnson, general counsel and director of the United Fruit Company, was elected president of the Chamber, succeeding Eric Johnston.

Witco Acquires Marshall Dill Firm

The Witco Chemical Company, New York, has acquired the Marshall Dill organization in San Francisco, and has elected Mr. Dill a vice-president of Witco in charge of the California division.

Marshall Dill

Established in 1900 as a sales organization covering the western part of the United States for domestic and foreign manufacturers, the Dill firm now has offices and warehouses in San Francisco and Los Angeles, and additional outlets in Portland, Spokane, Seattle and Denver.

Fertilizers Production Needs Stressed by Krug

OPD Washington Bureau

Secretary of the Interior J. A. Krug told officials of the American Plant Food Council at a meeting in his office last week of the interest of his department in the production of more concentrated fertilizer materials for use in areas where transportation costs are a factor.

Reporting on the meeting in the council's bulletin of April 29, Clifton A. Woodrum, president, said that Mr. Krug expressed the view that the fertilizer industry has a wonderful opportunity to expand and hoped that the Western phosphate deposits would be developed by private industry so that farmers in every section of the United States will have an abundant supply at reasonable prices.

Mr. Krug expressed the hope, Mr. Woodrum said, that private industry will produce fertilizer materials in sufficient volume to meet all agricultural needs adequately and indicated that he would favor government action to get the job done if industry fails to fulfill its obligations to American farmers.

Mr. Woodrum told the secretary that members of the fertilizer industry would like to have the opportunity to present their views in the event the department considers taking action on any legislative proposals affecting the industry. Joel D. Wolfsohn, Assistant Commissioner of the General Land Office, also attended the meeting.

OPA Ammonia Sulphate Advisory Group Planned

OPD Washington Bureau

An advisory committee of ammonia sulphate producers is being formed by the Office of Price Administration to assist the agency in surveying the needs of the industry in the way of price relief in the light of the added costs imposed on the steel industry as a result of the recent strike.

OPA officials said that the committee will be representative of the entire industry and hoped to receive acceptances from members nominated to serve on the committee by next week. It is the plan of the OPA to call a meeting of the group as soon thereafter as possible.

Streptomycin Free to Physicians

Such allotments of streptomycin as are available for civilian use are provided by the National Research Council to physicians without cost to the recipients, and no patient on whom the drug is used may pay for it.

This system of distribution is described in detail in the *Journal of the American Medical Association* by Dr. Chester S. Keeper, Boston, who is chairman of the NRC committee on chemical and other therapeutic agents. It has been in effect for two months, ever since it became evident that production of streptomycin would not be adequate to the imminent general demand. Distribution is closely controlled.

The recent report on the black marketing of streptomycin grew out of a practice said to prevail in some sections of the country. Streptomycin received by physicians or hospitals or laboratories without cost from the National Research Council is sometimes not all consumed in the treatment or experimentation for which it was provided. That which is left, the reports have it, sometimes is peddled to physicians whose use of it does not come within the scope of NRC distribution.

The April grand jury in New York reported last week that it found no evidence to support a charge that black-market prices had been exacted for streptomycin in the treatment of a girl patient. The findings of the jury were that the $275 which had been paid to the physician who provided the streptomycin was his fee as a consultant. But, the jury did say that the administration of the drug was an unauthorized use of some that had been left over from another patient's allotment and some that leaked out of a laboratory's unregistered supply. The evidence in that respect has been turned over to the Civilian Production Administration.

Streptomycin is being produced by eleven manufacturers; but the total supply is not large. All production is handled by the Civilian Production Administration, and is distributed according to a carefully determined plan to the army, the navy, the United States Public Health Service, the Veterans Administration, and the National Research Council. The last-named agency is the only source of streptomycin for use of the public.

Streptomycin Allocation For May Announced

OPD Washington Bureau

Officials of the Civilian Production Administration's chemical division estimate that the production of streptomycin during May will increase to 29,750 grams. This compares with 27,100 for April, 26,340 grams for March, and 23,496 in February.

Allocation for May follows:—military, 18,778 grams, other government agencies, 3,500 grams, civilian and research, 10,201 grams.

Recent Imports

New York Imports

ACONITE ROOT—25 bgs, S B Penick & Co
AMMONIA CARBONATE—5 cs, American British Chemical Supplies, Inc
ANISE—2 bgs, Stern, Morgenthau Co
ANTHRAX VACCINE—15 cs, Commercial Bank
ARABIC GUM—200 bgs, E Meer & Co; 58 bgs, Anglo American & Colonial Co
ARGOLS—184 bgs, United States Commercial Co; 170 bgs, A F Lindner Co
ARNICA FLOWERS—54 bls, Peek & Velsor
ARROWROOT—2,500 bgs, 50 bbls, Morningstar, Nicol, Inc
ARSENIC—80 dms, Indussa; 201 bbls, American Smelting & Refining Co
ASBESTOS—6,470 bgs, Amtorg Trading Corp
BALSAM, COPAIBA—29 cs, Stern, Morgenthau & Co; 30 cs, Dodge & Olcott Co; tolu, 100 cs, Magnus, Mabee & Reynard
BALATA—51 cs, 451 blocks, Littlejohn & Co; 156 cs, Chicle Development Co; 31 cs, Herman Weber Co; 30 cs, Otis Astoria Corp; 252 cs, Herman Weber & Co; 567 blocks, Hext, Levis & Kahn; 240 blocks, Earle Bros; 384 blocks, Bank of New York; 621 blocks, Anglo American Hide Co
BARBASCO ROOT—10,095 bls, Reconstruction Finance Corp
BAUXITE—10 cs, F P Gaskell Co
BAY OIL—5 dms, Magnus, Mabee & Reynard; 1 dm, 2 cs, Barclay Bank; rum, denatured, 40 dms, Borum Distilling Co
BEES WAX—14 bgs, Galimex Co, Inc; 18 bgs, Vilod, Inc; 22 bgs, Smith & Nichols; 19 bgs, E A Bromund Co; 95 bgs, Mercantile Metal & Ore Corp
BERYLLIUM ORE—1,100 bgs, Philipp Bros
BIRCHTAR OIL—8 bbls, Stern, Morgenthau Co
BISMUTH, REFINED—117 bxs, Cerro de Pasco Copper Co
BURDOCK ROOT—5 bls, S B Penick & Co
CALCIUM TARTRATE—212 bgs, Commodity Credit Corp
CANARY SEED—1,907 bgs, R T French Co
CANTHARIDES—1 cs, Amtorg Trading Corp
CAROB FLOUR—200 bgs, Stein, Hall & Co
CANAIGRE ROOT—43 bgs, F W Berk & Co, Inc
CARNAUBA WAX—110 bgs, Wessel, Duval & Co; 767 bgs, American Cyanamid & Chemical Corp; 646 bgs, W R Grace & Co; 1,883 bgs, S C Johnson & Son; 158 bgs, Innis, Speiden & Co; 326 bgs, Wm M Allison & Co; 55 bgs, Ayrton Metal Co; 138 bgs, Bunge Corp; 804 bgs, Baird Rubber & Trading Co; 427 bgs, Cornelius Product Corp; 375 bgs, Fred Henjes, jr; 154 bgs, E A Bromund Co; 127 bgs, Enco Chemical Co; 188 bgs, Strohmeyer & Arpe Co; 187 bgs, Chase National Bank & Trust Co; 44 bgs, Paul & Stein Bros; 22 bgs, Lenape Trading Co; 251 bgs, Drew Brown, Ltd; 371 bgs, Wessel, Duval & Co; 55 bgs, Geismar & Co; 72 bgs, Wm Diehl Co
CASEIN—2,033 bgs, Casein Co of America
CASSIA FISTULA—13 bgs, S B Penick & Co
CASTOR BEANS—12,219 bgs, Spencer Kellogg & Sons; 25,505 bgs, Baker Castor Oil Co; 2,500 bgs, Wessel, Duval & Co; oil, 501 dms, Murray Oil Products Co; 525 dms, Bunge Corp
CEDARWOOD OIL—5 dms, P R Dreyer
CHALK, PRECIP—800 bgs, H J Baker & Bro
CHICLE GUM—75 cs, Littlejohn & Co; 30 cs, T D Desmond & Co; 83 cs, Earle Bros; 50 cs, H A Astlett & Co; 17 cs, C E Wood, Inc; 1,330 bls, Chicle Development Co; 547 bls, L A Dreyfus & Co; 1,128 bls, Bank of New York
COBALT METAL—100 cks, African Metal Corp; oxide, 100 cks, Pyrites Co
COCOABUTTER—167 cs, Oceanic Commodities Co
COCOA RESIDUE—2,720 bgs
COLCHICUM SEED—12 bgs, Peek & Velsor
ROOT—12 bgs, Peek & Velsor
COLORS—8 cks, H P Rossiger; 5 cks, 2 cs, J E Bernard & Co; 4 dms, 2 kgs, Devoe & Raynolds Co; 6 dms, 2 kgs, Paul & Stein Bros
COLUMBITE ORE—67 bgs, Metal Traders
COPAL GUM—1,999 bgs, Gillespie-Rogers-Pyatt Co; 1,173 bgs, U S Industrial Chemical Co; 313 bgs, O G Innes Corp; 925 bgs, Balfour, Guthrie & Co
CORNSILK—17 bls, S B Penick & Co
CORIANDER SEED—5 bgs, Stern, Morgenthau Co
COTTON LINTERS—1,567 bls, Simmonds Co; 174 bls, New England Co
CREAM OF TARTAR—399 bbls, National City Bank; 100 bbls, Atlantic Freighting Co; 1,000 bbls, Pacific Coast Borax Co; 10 bbls
CRESYLIC ACID—50 dms, Duncan Fox & Co; 521 dms, Republic Chemical Corp; 358 dms, Monsanto Chemical Co; 259 dms, American British Chemical Supplies, Inc; 127 dms, W D Neuberg Co; 150 dms, J H Faune, Inc; 25 dms
CUMIN SEED—522 bgs, Knickerbocker Mills Co; 179 bgs, American Nile Co; 31 bgs, Corn Exchange Bank & Trust Co; 198 bgs, East Asiatic Co; 296 bgs, Middleton & Co; 1,580 bgs, Stern, Morgenthau & Co; 267 bgs, M N Hakak & Co; 260 bgs, Jensson & Cross; 111 bgs, Strauss & Reis; 168 bgs, Richard Daniels; 300 bgs, Wm M Allison & Co; 70 bgs, Haslem Marschi; 1,267 bgs, Hamid Shoji; 321 bgs, Mahloudi Bros; 23 bgs, Wm Bernstein & Co
CUTTLEFISH BONES—100 cs, Public National Bank & Trust Co
DIVI-DIVI—9,281 bgs, Royal Bank of Canada
ERGOT—10 dms, Peek & Velsor
EUCALYPTUS OIL—30 dms, Dodge & Olcott Co; 10 dms, S MacCoy Co, Inc; 12 dms, Commercial Bank of Australia; 10 dms, Centflor Mfg Co
FLAXSEED—2 bls, Stern, Morgenthau Co
FLIES, DRIED—16 bgs, National City Bank; 122 bgs
GALEGA HERBS—1 bl, S B Penick & Co
GALLNUTS—3,305 bgs, United States Commercial Co
GERANIUM OIL—10 tuts
GLUE, BONE—200 bgs, Transatlantic Animal By-Product Co; stock, 457 bls, Herman Hollander, Inc; 299 bls, J Gorvers & Co; 180 bgs, Alfred Bloch & Co; 392 bgs, Karr, Ellis & Co
GUARANA ROLLS—28 cs, S B Penick & Co
HENBANE LEAVES—35 bls
HENNA LEAVES—77 bls, S B Penick & Co; 4 bls, Abdulla Baller; 88 bls, J L Hopkins & Co
IPECAC ROOT—33 bgs, Wessel, Duval & Co; 17 bgs, S B Penick & Co
JALAP ROOT—60 bgs
JASMIN OIL—1 cs, Chase National Bank & Trust Co
JUNIPER BERRIES—138 bgs, Public National Bank & Trust Co; 82 bgs, Amtorg Trading Corp; oil, 1 cs, Amtorg Trading Corp
KAURI GUM—139 bgs, S Winterbourne & Co; 115 bgs, U S Industrial Chemical Co
LAVENDER FLOWERS—6 bls, Gondrand Shipping Co
LAC, BUTTON—200 bgs, Commercial National Bank & Trust Co; refuse, 125 bgs; seed, 40 bgs, First National Bank, Chicago; 4,240 bgs

—Continued on page 42

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals and related materials is currently as follows:—

May 2, 1946	Apr. 25, 1946	May 4, 1945
134.7	**134.9**	**132.6**

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

The paralyzing coal strike and the threatened nationwide stoppage of rail and water transportation had nothing to do with the two-point drop in the price index last week. Yet, the month old strike of the coal miners and the pending strike of railroad workers tended vitally to jeopardize chemical production, sales and deliveries. The coal strike has already disorganized railroad schedules.

The two-point drop was related to the expanding arrivals of ships bringing botanical drugs and essential oils from Europe and China.

Plastics Makers Get New Ceiling Rule

OPD Washington Bureau

Manufacturers of plastics may now use their March, 1942, ceiling prices for thermosetting laminated materials in figuring their cost of the finished product in place of the lower prices in effort on January 1, 1941, which they were formerly required to use, the Office of Price Administration has announced. This action effective May 8, resulted from changing the base date determining the ceiling prices for these materials from January 1, 1941, to the higher ceilings in effect in March, 1942.

The change, in effect, nullifies a price reduction made by OPA during the war when the production volume was tremendously increased.

Honorary Chairman

Herman L. Brooks, president of the Toilet Goods Association, who will not stand for re-election, has been named honorary chairman of the association's board of directors for as long as he remains a board member. The action was taken in recognition of his ten years as president of the association. Mr. Brooks recently resigned as head of Coty, Inc.

American Chemical Paint Files Patent Suit

The American Chemical Paint Company, Ambler, Pa., last week in a suit filed in the Federal District Court, Wilmington, Del., against the Sherwin-Williams Company asking for triple damages for alleged infringement of U. S. patent No. 2,390,941 covering 2-4-dichlorophenyloxyacetic acid, its esters and salts. The suit was filed as a countersuit to the Sherwin-Williams suit of March 6, at which time the Sherwin-Williams Company filed for a declaratory judgment regarding the validity of the patent.

Table of Contents

Aerosol Bomb Ceiling Set..... 5
Agri. Chem. Research Grants Offered. 7
Amer. Ceramic Society Elects Hansen. 7
Ammonia Sulphate Advisors Planned. 3
Animal Disease Research Lab. Chief.. 5
Arapahoe Chemicals Organized..... 54
Association Meeting Dates..... 7
Beacon Offers New Palm Acid..... 72
Bristol-Myers Names Dahle..... 54
Cabot Names Simonds..... 70
Cadmium, Bismuth Stockpiles Studied. 5
Canadian Chem. Conference June 24.. 7
Chemical Cordwood Higher..... 56
Chemical Workers Earnings: Feb.... 64
Chi. Drug-Chem. Ass'n to Aid Vets.. 42
Coal Strike Blocks Chem. Output.... 3
Coaltar By-Products..... 47
Colgate-Palmolive-Peet Elects Two.. 54
Color Council to Discuss Research.... 7
Conroy Returns..... 44
Cork Comp. Advice Group Set..... 7
Curll with Comm'l Solvents..... 43
Delahanty to Speak..... 7
Diamond Salt Elects Le Clare..... 44
Du Pont to Build Cellophane Lab.... 42
Du Pont to Build Fluro Screen Plant. 44
Fert. Production Needs Stressed.... 3
Fertilizer Needs Abroad Studied..... 5
Figgis on Stevens Board..... 54
Freight Embargo Ordered..... 3
Gen'l Mills Names Chem. Sales Agts.. 43
Givaudan-Delawanna Names Morgan. 64
Hercules Plant Approved..... 44
Hoobler Garvan Medalist..... 7
Hurlbrink Sales Agt. for Reynolds.... 42
Labor-Management Policy of C of C.. 3
Lawrence Heads Chemical Club..... 65
Lead Price Control Removal Urged... 7
Lentheric Buys Building..... 65
Luzzato in Europe..... 72
Margarin Output: February Smaller. 74
Mineral Deposits Data Available..... 7
McKinney Technical Sales Head..... 42
Metasap Chem. Shifts Sales Staff..... 43
Monsanto Names Carver..... 70
Monsanto Names Holmes..... 44
NAIDM Committee Chairmen Set.... 3
Nat'l Magnesium Plans Expansion.... 44
NY Bims Sets Golfing Dates..... 65
N. Y. Textile Chemists Elect Hager.. 7
Oil Specialties Names Vlacos..... 72
Paint Club Production News..... 70
Parsekian Chemicals Sales Head..... 44
Paper Chem. Inst. Adds Pigmon..... 42
Penicillin Export Quota..... 5
Pfizer Plans Groton Plant..... 5
Plants Offered For Sale, Lease..... 42
Phosphate Data Given to Congress.... 3
Philippine Trade List Signed..... 41
Prescription Label Warnings Clarified. 5
Purchasing Agents Meet May 27..... 7
Rauchfuss Assistant Sales Head..... 70
Rotenone Consumption Estimate..... 5
Sherwin-Williams Names Bivens..... 78
Steel Barrels Output: February..... 52
Streptomycin Allocation: May..... 3
Streptomycin Furnished Free..... 3
Themal Gets Appreciation Certificate. 72
Typhus Medal Awarded to Cox..... 5
United Jewish Appeal to Meet..... 54
U. S. Revenue Returns: March..... 44
U. S. Trade Mark Ass'n Elects..... 7
Vegetable Oils Costs Hearings May 9.. 3
Warwick Chem. Opens Phila Office.. 44
Winthrop Grants $2,500..... 52
Witco Acquires Marshall Dill Firm.... 3

General Features

Corporation Earnings..... 79
Current Market Quotations..... 9
Editorials 36
Imports 4
Imports Detained..... 61
Obituaries 4
OPD Price Index..... 4
Professional Services..... 62
Trade Briefs.....44, 64, 65
Washington Talks It Over..... 5

Market Reports

Agricultural Chemicals..... 45
Botanical Drugs, Spices, Gums..... 61
Coaltar Chemicals..... 46
Drugs and Fine Chemicals..... 51
Essential Oils, Other Aromatics..... 63
Fertilizer Materials (see Agric. Chem.)
Heavy Chemicals..... 39
Oils, Fats and Waxes..... 73
Petroleum Derivatives..... 49
Protective Coatings Materials..... 67
Textile and Leather Chemicals..... 59

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Obituaries

Dr. Simon Flexner

Dr. Simon Flexner, investigator of infectious diseases, and organizer and first director of the Rockefeller Institute for Medical Research, from which he retired in 1935 as director emeritus, died in New York, May 2. He was eighty-three years old.

In recent years Dr. Flexner had confined his public activities principally to service as the chairman of the public health council of the State of New York.

Herman Jergens

Herman Jergens, co-founder of the Andrew Jergens Company, toiletries manufacturer, Cincinnati, died in that city April 29. He was eighty-eight years old. A native of Denmark, Mr. Jergens came to the United States in 1861 and with his brother, the late Andrew Jergens, founded the firm.

John J. Nicholson

John J. Nicholson, former president of the Murphy Varnish Company, Newark, N. J., died recently in Gardner, Me. He was eighty-four years old.

Mr. Nicholson started with the company in 1868 as cashier in Chicago and became private secretary to the president, the late Franklin Murphy, jr., in 1893. He was named resident manager of the Boston office in 1896, Newark resident manager in 1905, general sales manager in 1906, vice-president in 1909, first vice-president in 1915, and president in 1922. He retired in 1926.

Frederick H. Wrede

Frederick H. Wrede, founder and head of F. H. Wrede & Son, crude drug

—Continued on page 71

Paint Technicians Form Alliance With Britons

Atlantic City, May 3

The advisory committee of the Federation of Paint and Varnish Production Clubs has approved for final application action taken at the last association meeting setting up an alliance with the British Oil and Colour Chemists Association.

The plan, as approved creates a liaison council of eight members, three elected by each group, the others being the current presidents of the two organizations.

The alliance will cover joint cooperative research, exchange of articles for publication, exchange of official journals, the development of mutual hospitality, and the exchange of lecturers on scientific and technical subjects. It is likely also that the exchange of apprentice scholars may be arranged.

The final action had been deferred awaiting approval of the Birmingham, England, Club of the federation.

This was brought to the meeting by Dr. Harry Keenan, chairman of the OCCA council. The story of the development was outlined to the meeting by Joseph J. Mattiello, of the Hilo Varnish Company.

TGA to Discuss Current Shortages

A symposium on current shortages will feature the annual meeting of the Toilet Goods Association, to be held at the Waldorf-Astoria hotel, New York, May 15-17. Speakers at the symposium will include:—Fats and oils, N. N. Dalton, of the Association of American Soap & Glycerine Producers, Inc.; Glass, John T. Ogden, of the 'Glass Packer'; collapsible tubes, Lester B. Platt, of the Collapsible Tube Manufacturers Association; steel, Howard A. Knox, of Jones & Laughlin Steel Company; non-ferrous metals, Arthur P. Hickox, of Scovill Manufacturing Co.

Bids Wanted

Aluminum Hydrate: — 1,500 pounds, Office of the Public Printing, Government Printing Office, Washington, D. C.; opening May 13.

Carbon Black:—21,000 pounds; Office of the Public Printing, Government Printing Office, Washington, D. C.; opening May 13.

Cobalt Drier:—3,000 pounds; Office of the Public Printing; Government Printing Office, Washington, D. C.; opening May 13.

Diethyleneglycol:—2,000 pounds; Office of the Public Printing, Government Printing Office, Washington, D. C.; opening May 13.

Toner, Violet:—300 pounds; Office of the Public Printing, Government Printing Office, Washington, D. C.; opening May 13.

Washington Talks It Over

The OPD Observer

Government economists believe that the greatest threat to inflation right now is the wave of strikes that has gripped the country since the start of the year, and topped off by the daddy of them all—the current "vacation" of John L. Lewis' mine workers. In the light of the existing situation a body blow has been struck at all estimates, both governmental and private, of the hoped-for production by industry that would mean the end of the national shortage of goods.

The way the economists explain the unions' threat to inflation is this:—OPA price ceilings are set to afford a profit to industries operating at normal volume. Some concerns are already at that level; others, in reconversion fields, will soon achieve it. But if the coal strike continues, delaying production of steel, nonferrous and many other basic materials, production volume will fall far below profit-making levels at present prices. The need to raise prices will be overwhelming. Meanwhile the profits to be made on the black market from sales of such few products as are turned out will be almost irresistable.

To date, the effects of the strike have been worse on the steel industry. If it continues another week, the operations of U. S. steel will be cut to 8 percent of capacity in Pittsburgh, and 30 percent overall. If the strike goes on for three weeks, an almost complete shutdown of auto, truck, farm machinery and electric motor manufacture can be expected around the end of May.

Statutory Debt Limit

The senate finance committee brought a bill out this week that has more than ordinary significance. It is a bill to reduce the statutory debt limit—that is the extent to which the Federal government can go into the red—from its present ceiling of $300,000,000 to $275,000,000.

The bill, in effect, is notice upon the part of Congress, that definite financing must be ended and the Federal government must again return to a balanced budget system of operation. At the present time the gross public debt and guaranteed obligations of the government run up to $274,442,000,000.

What is to be done about retiring this huge debt may be one of the things clarified in the discussions in Congress on the bill. President Truman has asserted it as the aim of our fiscal policy to balance the budget for 1947 and retire the debt in boom times such as these, but the administration has not as yet committed itself to a program for a retirement of the debt by stated amounts over a period of years.

Fats and Oils Conned

The record on fats and oils for 1945, with a summary of industry highlights during the war period, has been set down in a special report by Charles E. Lund, chief of the Fats and Oils Section of the Department of Commerce. The document is just off the presses and can be had from the Bureau of Foreign and Domestic Commerce for the asking.

Mr. Lund also attempts to look into the future and finds that 1946 will be a critical year in the fats and oils field. General improvements in supplies are expected by the fourth quarter, particularly if European harvests are good, he says ,and by 1947 the industry can look forward to more normal operations—but also to the sharp competition in both domestic and international fields that distinguishes its fast moving operations.

Sulfa Cure for Fish

Sulfa drugs may find a use in a field not heretofore explored to any great extent—the fish hatchery. Experiments

—Continued on page 36

Prescription with Label Warnings Clarified

Rising confusion among pharmacists and physicians over the recent warning of the Food and Drug Administration against dispensing drugs on prescription without adequate warnings on the label that the drug may be dangerous to health led the agency this week to attempt a clarification of its ruling in a letter to the American Pharmaceutical Association.

The FDA stood by its original position that the particular drug in question—thiouracil—must not be dispensed even on prescription without the pharmacist first transferring the manufacturers warning to the retail package, but added that the ruling does not necessarily apply to all drugs dispensed on prescription that might be conceivably dangerous to health.

It said that there are "relatively few drugs where a warning on the prescription labeling is essential to the protection of users" and added that thiouracil is an "outstanding example." The FDA's letter, signed by Dr. Paul B. Dunbar, Commissioner, stated further:—

As you know, section 502 (f) (2) of the Federal Food, Drug, and Cosmetic Act defines a drug as misbranded unless its label bears "such adequate warnings against use in those pathological conditions or by children where its use may be dangerous to health, or against unsafe dosage or methods or duration of administration or application, in such manner and form, as are necessary for the protection of users."

This does not mean as some of your correspondents seem to believe that all warning notices that the manufacturer may elect to place on commercial packages of drug items must be copied on the prescription labels of drugs dispensed by pharmacists on physicians' prescriptions.

Certainly, these warnings directed to the physician rather than to the patient need not be transferred. Only such warnings as are necessary for the protection of patients who are under the physician's care need be transferred from the manufacturer's labeling to that of the package dispensed upon prescription."

Significantly, Dr. Dunbar indicated that the drug trade might well expect the FDA to take further steps in the future to maintain close supervision and control over distribution of drugs. After stating that he did not believe

—Continued on page 41

Pfizer Plans Plant In Groton, Conn.

John L. Smith, president of Charles Pfizer & Co., Inc., Brooklyn, manufacturing chemists since 1849, has announced the purchase of the "Victory Yard" in Groton, Conn., from the War Assets Administration. The plant during the war was operated by the Electric Boat Company in the construction of submarines.

The property is situated on the bank of the Thames River in Groton, and consists of 28 acres, on which there are many buildings. Additional acreage adjacent to the "Victory Yard" is under option by the company, bringing the total acreage up to about 75.

The company plans to erect a power plant and the necessary buildings in addition to certain suitable structures which now are on the property in order to carry out a plan for increasing its present capacity of certain food, technical and medicinal chemicals, and in addition to have facilities available for production as new products are developed from the research program. The new location offers excellent facilities required in the company's operation, and is relatively close to the Brooklyn plant, which will permit close supervision and integration. The company plans to begin new building and alterations in the immediate future.

Aerosol Bomb Insecticide Ceiling Set

Ceiling prices have been established for new insecticide liquids, aerosol bombs declared surplus by the War Department and offered for sale in regular civilian channels. Effective May 7, the retail price is 25c. per box of three. On all sales to wholesalers the ceiling price is 3c. each; all sales to retailers 5½c. each.

The War Assets Administration has informed OPA that 2,181,000 of these bombs now located in Boston, are available for sale at the regional offices of the agency.

Fertilizer Needs Abroad Studied

OPD Washington Bureau

In view of the prospective world shortage of fertilizer materials in 1946-47, the committee on fertilizers of the Combined Food Board at its meeting, April 25, made special arrangements for reviewing the situations for every country prior to the allocation meetings which start on May 13.

All claimant countries have been asked to submit production estimates and fertilizer requirements for the twelve months starting July 1, 1946. It is hoped that final recommendations for the tonnages of nitrogen, phosphates and potash to be supplied to such countries will be made to the Combined Food Board by June 1, 1946. Preliminary surveys indicate a pronounced demand for nitrogen particularly, far beyond any current world producing capacity.

Several allocations were made to wind up the 1945-46 season. Among them were 5,000 additional tons sulphate of ammonia from the United Kingdom to China, Malaya, and Hong Kong for shipment before July 1; 25,000 tons ammonium nitrate from the United Kingdom to UNRRA countries, French North Africa, and the United States and United Kingdom zones in Germany.

Potash supplies available from the United States and the United Kingdom zones in Germany for shipment prior to July 1 were allocated to various European countries. Phosphate rock from North Africa was allocated to Australia to help the wheat production campaign in that country and to Sweden, Turkey, and Japan.

The Combined Food Board confirmed the continuation of the committee on fertilizers for the remainder of the year. Up to date supplies of the order of 40,000,000 tons of all fertilizer materials have been allocated during 1945-46.

Animal Disease Research Laboratory Chief Named

The appointment of Dr. A. H. Groth as director of the regional animal disease research laboratory at Auburn, Ala., has been announced by the Department of Agriculture. He succeeds Dr. B. T. Simms who, several months ago, became chief of the department's Bureau of Animal Industry.

Rotenone Consumption Estimated by OFAR

The Office of Foreign Agricultural Relations of the Department of Agriculture estimates that the postwar consumption of rotenone in the United States will run to 10,000,000 pounds of 5-percent roots annually over and above that necessary for restocking of inventories, if supplies are available.

Far from having its market displaced by other insecticides, the OFA says that with lower prices for rotenone-bearing roots and good prices for agricultural products, it is possible that United States consumption of rotenone roots will be double that of 1940-41, or perhaps 13,000,000.

The characteristics of rotenone are such that it is an ideal insecticide in many respects, it was pointed out. While non-toxic to man and other warm-blooded animals in ordinary concentrations, it is toxic to a large range of insects. It is particularly adapted to the use of amateur gardeners and others who are unable or unwilling to differentiate between their insect pests and treat them with specific insecticides.

There are a considerable number of insects for which rotenone is the best known insecticide either by virtue of its killing qualities, or because of its nonpoisonous characteristics, the report continues. In some uses rotenone has the advantage because of price (relative to pyrethrum), but in others it has a disadvantage because of price (relative to arsenates). If rotenone becomes cheaper relative to these competitors, it will no doubt be used to a greater extent in a particular group of uses. In another group of uses DDT will tend to replace rotenone, because DDT is more effective.

Typhus Medal Awarded To Dr. H.R. Cox

The United States of America Typhus Commission Medal, for the service in the development of typhus vaccine and anti-typhus serum, has been presented to Dr. Herald R. Cox, director of the division of virus and rickettsial research for Lederle Laboratories, Pearl River, N. Y.

Penicillin Export Quotas Set

OPD Washington Bureau

The amount of penicillin that may be exported during May has been increased to 900,000,000,000 units by the Civilian Production Administration, or an increase of about 200,000,000,000 units over the April export allocation.

Exports have been climbing steadily since the first of the year with foreign demand still far from being satisfied, according to the agency. The dollar value of April penicillin shipments in vials and other dosages totaled $5,541,000 or approximately five and one-half times the average monthly total of all drugs and medicines exported by this country in 1938.

Because of the heavy foreign demand for the drug, members of the industry decided at a meeting with CPA officials earlier this week that distribution of the drug should remain under allocation in order that foreign purchases might not place too great a drain on supplies for domestic use. Probabilities are that it will remain under allocation until it is possible to supply the full needs of the export market without disturbing the domestic supply situation.

Production of penicillin during the first three months of this year increased about 40 percent. The first quarter production totaled 4,667,330,000,000 units, equal to about two-thirds of the entire 1945 output. January production was 1,306,300,000,000 units, in February it was 1,523,020,000,000 units and in March it reached 1,838,010,000,000 units.

Allocation of the drug for May totaled about 1,500,000,000,000 units in parenteral form for both domestic, civilian and export use, which is approximately twice that allocated in January. CPA officials point out, however, that this supply is not large when it is realized that individual dosages of 100,000 to 400,000 units are often administered at frequent intervals to one patient.

Initial allocations of penicillin for May compared with April are as follows:—

	May	April
Military[1] ..	162,760,000,000	224,000,000,000
Other government agencies[1] ..	53,000,000,000	46,800,000,000
Civilian[1] ...	762,370,000,000	746,925,000,000
Civilian[2] ...	136,000,000,000	127,000,000,000
Civilian[3] ...	347,560,000,000	334,250,000,000
Export[1]	800,000,000,000	500,000,000,000
Export[2]	100,000,000,000	200,000,000,000
Total 2,361,690,000,000		2,178,175,000,000

[1] Parenteral.
[2] Bulk.
[3] Dosage forms.

The CPA said that producers reported that there has been a marked decrease in pressure for deliveries indicating that current domestic requirements generally are being satisfied.

The CPA also said that industry's concern over the future supply of corn steep liquor and other corn products required in penicillin production was alleviated by a report from government officials that the Commodity Credit Corporation would make available to the corn processors sufficient corn to assure that all of the penicillin requirements would be met.

Cadmium, Bismuth Stockpiles Studied

OPD Washington Bureau

The Civilian Production Administration was reported May 2 to be preparing an order to freeze government stockpiles of cadmium and bismuth.

The action was said to be predicated on the assumption that the heavy demands for the materials in face of the limited new supply was reducing the government's stocks to a dangerously low level.

ALKATERGE-C is an oil-soluble, cationic surface-active agent which has been found useful in the preparation of a wide range of products including lubricants, polishes, cleaners, and textile penetrants.

While Alkaterge-C is less than 0.002% soluble in water, a saturated aqueous solution has a surface tension of less than 35 dynes per centimeter as compared to 72 for water alone. The presence of 1% Alkaterge-C in oil reduces the interfacial surface tension against water to 1 or 2 dynes, although it has no effect on the surface tension of the oil.

It reacts readily with mineral and organic acids to form salts and soaps, some of which are water soluble and are excellent wetting and penetrating agents. It shows no apparent thermal decomposition up to 430C at atmospheric pressure. It appears to have anti-oxidant properties and has been used to increase the effectiveness of rust-inhibiting preparations.

Alkaterge-C is useful as a dispersing agent, a spreading agent, and a flotation agent for some nonmetallics.

Alkaterge-C is available in drum quantities. Write our Technical Service Division for further data and suggestions regarding the use of Alkaterge-C in your products or processes.

COMMERCIAL SOLVENTS
Corporation
17 East 42nd Street, New York 17, N. Y.

—Continued on page

Lead Price Control Removal Urged

Removal of government control of the distribution and price of lead, in order that a free market will set the price which will make production and consumption balance, was advocated by Clinton H. Crane, president of the St. Joseph Lead Company, St. Joseph, Mo., at a meeting of the Mining and Metallurgical Society of America, held in the University Club, New York, April 30.

Asserting that United States mines can not, at present, produce enough lead to supply the domestic market, Mr. Crane expressed the opinion that in a free market the parts of the world outside the Russian sphere of influence can produce more than

Clinton H. Crane

enough lead to take care of all our essential needs.

The omission of the Russian sphere, he added, was due to the "rumor" that lead from Finland, Germany, Poland, Romania and Manchuria, is going exclusively to Russia.

Mr. Crane concluded by saying that the reestablishment of a free market will permit lead to be used for all purposes for which no known substitute exists, and as long as lead is in shorter supply than copper, zinc and aluminum, these metals may displace lead in places where they are equally available and are not now used because of price.

The speaker said that he did not believe a lead price greatly in excess of the present London price, plus emergency duty, will be necessary to bring about this adjustment.

Garvan Medalist

Dr. Icie Macy Hoobler of Detroit, director of the research laboratory of the Children's Fund of Michigan, has been awarded the Francis P. Garvan Medal of the American Chemical Society for her studies of nutrition and the chemical processes of human growth. The medal, which honors outstanding women in chemistry, will be presented at the society's 110th national meeting in Chicago next September.

Purchasing Agents To Meet May 27

A clinic on shopping problems will feature the thirty-first annual meeting of the National Association of Purchasing Agents, to be held at the Stevens hotel, Chicago, May 27-29.

Government officials, economists and business leaders best acquainted with the current problems of merchandise and raw materials procurement will participate in the forum.

The clinic will seek to answer what the future holds in regard to the availability of supplies and materials, price stability, threatened inflation, government policies, and other problems that harry the purchasing agent in the early postwar economy.

Agricultural Chemistry Research Grants Offered

Grants of up to $10,000 a year for five years research in agricultural chemistry are being offered to universities and other non-profit research institutions by the Herman Frasch Foundation for Chemical Research. Recipients of the grants will be chosen by the foundation trustees, with the advice of the American Chemical Society.

Industrial Applications of Chemicals and Related Materials

"Where You Can Sell"

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2:3-Di-(2-methylallyloxy)-dioxane-1:4

Resins—Copolymerizing agent (Brit. 534579) in making styrene copolymers which are clear, transparent solids having the general appearance and physical properties of polystyrene, soluble in aromatic hydrocarbons, and useful for making moulded articles, varnishes, lacquers, paints, and other coating compositions.

Selenium

(Additional uses—see the book, Uses and Applications of Chemicals and Related Materials.)

Chemical—Aid in determining structure of complex compounds formed by the action of sulphur on hydrocarbons under high pressure.

Dehydrogenation agent for clarifying the structure of bile acids, complex organic compounds, hormones, saponins, sterols, terpenes, vitamins, and (U.S. 2161066) in making retene from abietic acid.

Kjeldahl catalyst in determining nitrogen.

Starting point in making organic derivatives.

Electrical—Metal for making photoelectric cells (claimed to have a high current output and to be very sensitive in the spectral range of the human eye).

Rectifier for electric current (claimed to offer advantages of low cost, small size, light weight, ruggedness of construction, ability to withstand overloading, unlimited life, low loss on aging).

Fuel—Starting point in making compounds reported to be desirable addition agents to liquid-phase coal-hydrogenation catalysts.

Insecticide and Fungicide—Base for horticultural sprays (offered particularly for controlling aphids, mites, red spiders).

Metallurgical—Addition agent to produce, in caststeel, fine-grained structure, freedom from casting defects, good ductility; in copper and copper-rich alloys, decrease in conductivity (slight), decrease in ductility without brittleness, increase in tensile strength (slight), machinability without hot shortness (characteristic of lead additions); hot shortness in stainless steel, antifriction, antigalling, and free machining properties, and improvement in machinability without impairing corrosion resistance.

Increaser of corrosion resistance of magnesium and magnesium-rich alloys.

Promoter of adherence of paint to magnesium and magnesium-rich alloys.

Petroleum—Starting point in making organic derivatives used as antioxidants for lubricants, selenides claimed to reduce carbon formation during cracking operations, selenides used as hydrogenation and cracking catalysts for the conversion of heavy oils to motor fuels.

Photographic — Starting point in making organic derivatives used as sensitizers.

N.Y. Textile Chemists Elect Hager Chairman

Dr. Herman E. Hager, of the General Dyestuffs Corporation, was elected chairman of the New York Section of the American Association

Blackstone

Dr. Herman E. Hager

of Textile Chemists and Colorists, at the final meeting of the season held in the Downtown Athletic Club, May 3.

Charles W. Dorn, of J. C. Penney Company, was elected vice-chairman; John H. Hennessey, General Dyestuffs Corporation, treasurer, and Norman A. Johnson, American Dyestuff Reporter, secretary.

Canadian Chemical Conference June 24-26

The annual conference of the Chemical Institute of Canada will be held at the Royal York hotel, Toronto, June 24-26. Technical sessions will be devoted to biochemistry, chemical education, chemical engineering, protective coatings, pure chemistry, rubber and textiles.

Chemical equipment, apparatus, products and appliances will be exhibited by approximately forty-five manufacturers and suppliers. Also on view will be the American Chemical Society's atomic energy exhibit.

Speakers at the general sessions and the dinner will include Hon. George Drew, Premier of Ontario; Dr. E. H. Land, Polaroid Corporation; W. S. Richardson, B. F. Goodrich Chemical Company; A. L. Washburn, Arctic Institute of North America, and E. C. Williams, Schenley Distillers Corporation.

Color Council Meeting To Discuss Research

A special session, co-sponsored by the Textile Color Card Association and the American Association of Textile Chemists and Colorists, at which a report will be presented on the research in color measurement and calibration conducted by the color card group through its research associate at the National Bureau of Standards, will feature the fifteenth annual meeting of the Inter-Society Color Council, to be held in the Pennsylvania hotel, N. Y., May 6-7.

Mineral Deposits Data Available

The following maps and data may be obtained from the office of the Bureau of Mines, Washington:—

A report of investigation 3834, "Beneficiation of Montana Chromite Concentrates by Roasting and Leaching."

A report of investigation 3833, "Chlorination of Magnesia."

U.S. Trade Mark Ass'n Elects Chairmen

Arthur R. Wendell, president of Wheatena Corporation, Rahway, N. J., was elected chairman of the board and president of the United States Trade Marw Association at the annual meeting held in New York last week. Vive-chairmen chosen were George S. McMillan, of Bristol-Myers Inc., pharmaceutical manufacturer, New York; William G. Werner, of Proctor & Gamble Company, soap manufacturer, Cincinnati, and V. D. Broman, of the National Carbob Company, New York.

Amer. Ceramic Society Elects Hansen President

J. E. Hansen, director of service for the Ferro Enamel Corporation, Cleveland, was elected president of the American Ceramic Society, at its forty-eighth annual meeting held in Buffalo, N. Y. John D. Sullivan, of Columbus, Ohio, was elected vice-president; W. Edward Cramer, of Columbus, treasurer, and Charles S. Pearce, Washington, D. C., secretary.

Association Meeting Dates

American Association of Cereal Chemists, General Brook hotel, Niagara Falls, N. Y., May 13-16.
American Dairy Science Association, Ames, Ind., June 18-20.
American Drug Manufacturers Association, Cavalier hotel, Virginia Beach, Va., May 6-9.
American Institute of Chemists, Biltmore hotel, New York, May 17-18.
American Leather Chemists Association, Lake George, N. Y., June 19-21.
American Oil Chemists Society, Roosevelt hotel, New Orleans, May 15-17.
American Pharmaceutical Manufacturers' Association, Chateau Lake Louise, Alberta, Canada, June 10-13.
American Society of Agricultural Engineers, St. Louis, June 24-26.
American Society of Refrigerating Engineers' Spring Meeting, St. Paul, Minn., June 2-5.
American Spice Trade Association, Astor hotel, New York, May 6-8.
Chemical Institute of Canada, Royal York hotel, Toronto, June 24-26.
Flavoring Extract Manufacturers' Association, Drake hotel, Chicago, June 2-4.
Metal Powder Association, Waldorf-Astoria hotel, New York, June 13.
National Association of Chain Drug Stores, Manor Richelieu, Murray Bay, Canada, June 10-12.
National Association of Corrosion Engineers, President hotel, Kansas City, Mo., May 7-8.
National Association of Insecticide and Disinfectant Manufacturers, French Lick, Ind., June 17-19.
National Association of Purchasing Agents, Chicago, May 27-29.
National Association of Retail Druggists, Sherman hotel, Chicago, May 14-16.
National Fertilizer Association, French Lick, Ind., June 10-12.
Proprietary Association of America, Biltmore hotel, New York, May 13-15.
Synthetic Organic Chemical Manufacturers Association, Seaview Country Club, Seaview, N. J., June 13-14.
Toilet Goods Association, Waldorf-Astoria hotel, New York, May 15-17.

Cork Composition Maker Advisory Group Named

Appointment of a Cork Composition Manufacturers Industry Advisory Committee to the Office of Price Administration has been announced. The committee follows:—A. Benjamin, of the American Cork Specialties Company, Brooklyn, N. Y.; Albert Samuels, of Joseph Samuels & Sons, Morristown, N. J.; H. L. Glover, of the Chicago Cork Works Company, Chicago; F. E. Stevens, of the Armstrong Cork Company, Lancaster, Pa.; F. St. John, of the Crown Cork and Seal Company, Baltimore, Md.

Delahanty to Speak At Marketing Session

OPD Washington Bureau

Thomas W. Delahanty, assistant chief of the Chemicals and Drugs Section of the Department of Commerce, will lecture before the drugs and toiletries marketing session of the School of Business Accounting and Finance of the New York University May 6.

IT'S ALL A MATTER OF PREFERENCE

IT'S A WOMAN'S PREROGATIVE to be irrational in her choice of chapeaux, but when it comes to her preference for drug products and toiletries milady has her senses of taste and smell to guide her.

So, whatever you have to sell her . . . lipsticks or hair lacquer, toothpaste or toiletries, pills or pest killers . . . always remember her choice is based on the taste or scent-appeal of your product.

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Current Market Quotations Chemicals and Related Materials

April 25, 1946

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

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A

Acacia (see Gum, Arabic).
Acetaldehyde, 99%, dms., 55 gals., works..lb. .11 - —
5 and 10 gals., works....lb. .14 - —
Acetaldol (see Aldol).
Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib. dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50
Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls.....lb. .36 - .37
kgs. .....lb. .37 - .39
powd., bbls.....lb. .34 - .35
kgs. .....lb. .35 - .37
Acetic anhydride, dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —
Acetoacetanilide, bbls., dms...lb. .49 - .67
Acetone, CP,[1] dms., c.l., divd.lb. .07 - —
l.c.l., divd.....lb. .07½- —
tanks, divd.....lb. .06 - —
Methyl (see M).
Acetonitrile, dms., c.l., works..lb. .35 - —
l.c.l., works.....lb. .40 - —
5-gal. lots, works.....lb. .45 - —
less than 5-gal. lots, works..lb. .50 - —
Acetophenetidin, USP, bbls., kgs., 1,000-lb. lots..lb. 1.00 - —
dms. .....lb. 1.06 - 1.10
Acetophenone, cns., dms.....lb. 1.50 - 1.75
Acetyl chloride, cbys., works..lb. .60 - —
Acid, abietic, dms., c.l., wks..lb. .07½- —
Acetic,[1] com'l or redist., 28%, bbls..100 lbs. 3.88 - 3.63
50%, bbls.....100 lbs. 5.58 - 5.63
70%, bbls.....100 lbs. 6.68 - 6.96
80%, bbls.....100 lbs. 7.47 - 7.72
99.5%, bbls.....100 lbs. 9.15 - 9.40
glacial, nat., c.p., dms., works, 100 lbs.12.50 -13.25
99.5%, bbls.....100 lbs. 9.15 - 9.40
tanks .....100 lbs. 6.98 - 7.25
synth., tech., bbls., works, 100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.93 - 7.25
USP, dms., works..100 lbs.10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 - 4.69
36%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.00 - 7.86
80%, bbls.....100 lbs. 9.25 - 9.51
USP, 36%, cbys.....lb. .08 - .10

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and casks are 50c. per 100 lbs. higher.

Acetic anhydride (see Acetic anhydride).
Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb. lots..lb. .45 - —
smaller lots.....lb. .46 - .59
standard USP, fine cryst., gran. (20-40 mesh), powd. (80 mesh), bbls., same basis. lb. .40 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic, fib. dms., works.....lb. .26½- —
Aminoacetic, USP (see Glycine).
Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —
Arsenous, tech. (see Arsenic, white).
USP, powd., dms., kgs....lb. .20 - .22
Ascorbic,[1] USP, dms., 500-kilo lots..kilo.24.50 - —
25-50 kilo lots.....kilo.25.00 - —
10-kilo lots.....kilo.25.35 - —
5-kilo lots.....kilo.25.70 - —
bots., kilo lots.....kilo.26.41 - —
500 grams.....kilo.27.47 - —
Battery, cbys., c.l., E. works.. 100 lbs. 1.60 - —
l.c.l., E. works.....100 lbs. 1.95 - 2.05
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 2,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up..lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,000 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .58 - .59
Betaoxynaphthoic, bbls., works. lb. .95 - —
Boric, tech., 99.5% cryst. (same as prices for powder), gran., bgs., c.l., frt. alld.. ton.99.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton. 95.50 - —
powd., bgs., c.l., frt. alld.. ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld..ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 -

USP $25 per ton higher.
Butyric, 99%, dms., c.l., works, lb. .29 - —
l.c.l., same basis.....lb. .30 - —
Bremer's bbls.....lb 1.11 - —
Cacodylic, bots.....lb.13.50 -14.50
Camphoric, cns.....lb. 6.95 - 7.00
Caprylic, 99%, dms.....lb. No stocks
Capric, tech., ret. dms.....lb. No stocks
Castor oil,[1] split, ret. dms...lb. No stocks
Chlorosulphonic, dms., c.l., works..lb. .03 - —
l.c.l., works.....lb. .03½- .04½
tanks, works.....lb. .02½- —
Chromic, 99½-99¾%, dms., c.l., lb. .17 - —
l.c.l. .....lb. .17½- .19
Cinnamic, refd., bots.....lb. 3.00 - 3.25
Citric, anhyd., gran., dms., c.l..lb. .22½- —
l.c.l., 10,000 lbs. 1 ship't. lb. .23 - —
smaller lots.....lb. .23½- .26½
kgs. .....lb. .23½- .26½
USP, cryst., gran., bbls., c.l. lb. .20 - —
l.c.l., 10,000 lbs. 1 ship't, lb. .20½- —
smaller lots, bbls...lb. .21 - —
dms. .....lb. .23 - .24
kgs. .....lb. .21½- —
powdered citric acid, ½c. higher.
Cleve's, bbls.....lb. .65 - —
Coconut oil,[1] dist., dms.....lb. .17½- .19½
Corn oil,[1] s.d., dms., c.l., wks. lb. .12 - —
Cottonseed oil,[1] s.d., dms., c.l. c.l..lb. .12 - .13
tanks, divd.....lb. .11½- .12¼
Cresylic, dom. coaltar, high-boil 50% (210°-215°), low boil 50% (204°-208°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis....gal. .88 - —
tanks .....gal. .75 - —
Petroleum, heavy grade (247°-296°), dms., 20, Cal. ref..gal. .490 - —
Sewaren, N. J., ref.. gal. .616 - —
1-19, Cal. ref.....gal. .510 - —
Sewaren, N. J., ref.. gal. .636 - —
tanks, divd.....gal. .596 - —
light grade (200°-246°), tanks, Cal. ref..gal. .690 - —
medium grade (220°-246°), dms., 20, Cal. ref..gal. .50 - —
Sewaren, N. J., ref.. gal. .636 - —
1-19, Cal. ref.....gal. .570 - —
Sewaren, N. J., ret.. gal. .696 - —
tanks, divd.....gal. .646 - —
Crotonic, bbls., Canadian, wks., lb. .25 - —
Dichlorophenyoxyacetic, fib. dms., c.l., works..lb. .80 - —
l.c.l., works.....lb. .85 - .95
Salt, fib., dms., c.l., works..lb. 1.00 - —
l.c.l., works.....lb. 1.10 - 1.20
Diethylbarbituric (see Barbital).
F (see Acid, monosulphonic).
Formic, 85%, cbys., c.l., wks.lb. .10 - —
l.c.l., works.....lb. .10½- .11
90%, cbys., c.l., works....lb. .10½- —
l.c.l., works.....lb. .11 - .11½
Fumaric, tech., bbls., dms..lb. .27 - .31
Gallic, NF V, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.15
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls....lb. .12 - —
dmjn. .....lb. .21 - .23
kgs. .....lb. .14 - .15
Glutamic hydrochloride, dms. lb. 2.00 - 2.40
Glycolic (see Acid, hydroxyacetic).
H, bbls.....lb. .43½- .45
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —
Hydrobromic, medicinal, 48%, cbys., divd.E..lb. .45 - —
tech., 48%, cbys., same basis. lb. .45 - —
34%, cbys., same basis.....lb. .35 - .37
Hydrochloric (see Acid, Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.00
NF, dilute, 2%, 5-lb. bots..lb. .80 - .84
Hydrofluoric, anhyd., cyls., wks. lb. .19 - .19½
tanks, works.....lb. .18 - —
30%, rubber dms., works..lb. .08 - .09
48%, rubber dms., works..lb. .12 - —
52%, rubber dms., works..lb. .12½- —
60%, rubber dms., works..lb. .13½- —
Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09
Hydroxyacetic, 70% tech., bbls., non-return. Phila..lb. .084 - —
tanks, Belle, W. Va., acid basis..lb. .09½- —
Hypophosphorous, USP, djns. lb. .75 - .77
Lactic, edible, 50%, cbys., 20 or more..lb. .12½- —
smaller lots.....lb. .13 - .13½
80%, bbls., 5 or less.....lb. .24½- .24¾
plastic grade, 50%, bbls., cbys., 20 or more..lb. .14½- —
10 or less.....lb. .14¾- .15½
80%, bbls., cbys., 5 or less. lb. .26 - .26½
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works.. 100 lbs. 6.30 - —
l.c.l., bbls., works.. 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.90 - —
l.c.l., works....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XII, 85%, cbys.....lb. .54 - .57
USP XVIII 75%, cbys.....lb. .52 - .65
Lauric, dist., 96%, dms.lb. .28 - —
Laurent's, bbls.....lb. .45 - —
Linseed oil,[1,7] light, dms...lb. .21½- .22
Maleic, powd., dms.....lb. .30 - —
Anhydride (see M).
Malic, powd., kgs.....lb. .47 - —
Mandelic, USP, dms., 1,000 lb. lots..lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0065- .009
Molybdic,[1] kgs., works.....lb. .95 - 1.10
Monochloracetic, tech., flakes, 96-97%, dms..lb. .16½- —
purified, flake, 99%, dms...lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., E. works....100 lbs. 1.75 - 2.45
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works.... 100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —
CP, USP, consumers, cbys. extra..lb. .06 - —
6-lb. bots., extra.....lb. .10 - —
dealers, cbys. extra....lb. .06½- —
6-lb. bots., extra.....lb. .08½- —
Myristic, dist., dms.....lb. No stocks
Naphthenic, acidity, dms., extra, works..lb. .10½- —
tanks, works.....lb. .09 - —
230-245 acidity, dms., extra, works..lb. .12¾- —
tanks, c.l., works.....lb. .12 - —
Nicotinic, USP, dms.....kilo. 6.50 - 6.80
Nicotinic amide (see Nicotinamide).
Nitric, 36°, cbys., c.l., E. works..100 lbs. 5.00 - —
l.c.l., 25, E., works.100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works....100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, cbys. extra..lb. .13 - —
7-lb. bots., cs., extra, lb. .15 - —
dealers, cbys. extra....lb. .11½- —
7-lb. bots., cs., extra..lb. .13½- —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[1] bbls., c.l., works....lb. .11¼- —
10,000 lbs.....lb. .11¼- —
smaller lots.....lb. .12½- —
Palm oil,[2] white, dist., dms..lb. No stocks
Para-aminobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinmetasulphonic, bbls., works..lb. .80 - —
Peanut oil,[1] s.d., tanks, works, lb. .11¼- —
Phenylacetic, bots.....lb. 1.65 - 1.85
Phosphoric, food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., c.l., works, frt. equald..100 lbs. 4.35 - 4.60
l.c.l., works, frt. alld., 100 lbs. 5.25 - 7.25
tankwagon, divd. N. Y., Phila. Met. area..100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., c.l., works, frt. equald..100 lbs. 5.10 - 5.35
l.c.l., frt. alld.....100 lbs. 7.00 - 9.50
tanks, works, frt. equald., 100 lbs. 4.00 - 4.25
tankwagon, divd. N. Y., Phila. Met. area..100 lbs. 4.75 - —
USP, 100-lb. cbys., c.l.....lb. .10½- —
10 cbys. to c.l.....lb. .11½- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10½- —
25 cbys. to c.l.....lb. .11½- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
dilut., 10%, cbys., djns...lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, dms., works..lb. .19½- —
tanks, works.....lb. .18½- —
Pyrogallic, tech., bbls.....lb. 1.45 - 2.03
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, dms., divd. E., gal. .30 - —
Ricinoleic, com'l split (see Acid, castor oil, split).
Salicylic,[1] tech., bbls., c.l...lb. .26 - —
100 lbs. to c.l.....lb. .33 - —
smaller lots.....lb. .34 - .42
USP, bbls., c.l.....lb. .28 - —
100 lbs. to c.l.....lb. .32 - —
smaller lots.....lb. .36 - .44
Sebacic, tech., dms., c.l., works. lb. .50 - —
l.c.l., works.....lb. .51 - .52
Soybean oil,[1] s.d., dms., works. lb. .11¾- .16½
tanks, works.....lb. .11 - .15¾
Stearic,[1] double pressed, bgs., c.l., divd. E. Rockies..lb. .15½- —
W. of Rockies.....lb. .16¾- —
Texas and Okla., divd., lb. .16¾- —
single pressed, bgs., c.l., divd. E. of Rockies..lb. .15¾- —
W. of Rockies.....lb. .16¾- —
Texas and Okla., divd., lb. .15¾- —
triple pressed, bgs., c.l., divd. E. of Rockies..lb. .18¾- —
W. of Rockies.....lb. .19¾- —
Texas and Okla., divd., lb. .19¼- —

Stearic acid l.c.l. prices are:—Ton lots, ½c. per lb. higher; less than ton lots, 1c. higher.

Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works.lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l. .....100 lbs. 1.50 - 2.20
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works.... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
Acid, sulphuric, CP, USP, consumers cbys. extra..lb. .08 - —
9-lb. bots., cs. extra..lb. .10 - —
dealers, cbys. extra....lb. .06½- —
9-lb. bots., cs. extra..lb. .08½- —
fuming, 20%, tanks, E. works, ton.19.50 - —
Tannic, tech., bbls., dms....lb. .71 - .73
USP, fluffy, bbls., 1,000 lbs.. lb. 1.32 - —
smaller lots.....lb. 1.35 - 1.38
powder, bbls., 1,000 lbs..lb. 1.12 - —
smaller lots.....lb. 1.15 - —
Tartaric,[1] USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .63½- —
smaller lots.....lb. .63 - —
kgs. .....lb. .63½- —
Thioglycolic, bbls., cbys., basis 100%..lb. 2.00 - 3.00
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.20
Tungstic,[1] CP, 100-lb. pkgs....lb. 2.94 - 3.10
pure, 100-lb. kgs.....lb. 2.86 - —
Aconite leaves, bls.....lb. 1.10 - 1.40
Root, bls.....lb. 1.30 - 1.35
Aconitine, amorph., bots.....oz.23.00 -28.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.60 - —
Acrylonitrile, dms., c.l., works. lb. .26 - —
l.c.l., works.....lb. .28½- —
tanks, works.....lb. .26 - —
Adeps lanae,[1] USP, anhyd., cosmetic, dms., works..lb. .83 - .94
pharmaceutical, dms., works, lb. .82 - .92
Agar .....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 2.85 - 3.00
Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1,7] powd., bbls....lb. 1.99 - 2.07
granular, cryst., bbls.....lb. 1.94 - 2.02
tech., cryst., bbls.....lb. 1.00 - 1.25
Alcohol, allyl, dms., c.l., divd.lb. .21 - —
l.c.l., divd.....lb. .21½- —
tankcars, divd.....lb. .20 - —
Amyl ex pentane, dms., c.l., frt. alld. E. of Miss. R. lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .121 - —
(see also Fusel oil, ref.).
Benzyl, cns.....lb. .70 - .75
dms. .....lb. .85 - —
Butyl, normal,[1] ferment, fil., Ind. prod., dms., c.l., frt. alld..lb. .2310- —
l.c.l., frt. alld. E....lb. .2360- —
tanks, frt. alld. E....lb. .2210- —
tankwagons, frt. alld.lb. .2260- —
other production, dms., c.l., frt. alld. E..lb. .1950- —
l.c.l., frt. alld. E....lb. .2000- —
tanks, frt. alld. E....lb. .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾- —
l.c.l., frt. alld. E....lb. .12¾- —
tanks, frt. alld. E.....lb. .10¾- —

Normal butyl alcohol prices in West, ½c. per lb. higher.

secondary, dms., c.l., divd.lb. .095 - —
l.c.l., divd.....lb. .10 - —
tanks, divd.....lb. .083½- —
tertiary, denat., dms., c.l..lb. .12¾- —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11 - —
Capryl, dms., c.l., works...lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, works.....lb. .16 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs. 1.75 - 1.80
smaller lots.....lb. 1.95 - 2.30
Cinnamic, bots.....lb. 3.00 - 3.55
Denatured,[1,7] CD14, dms., c.l. works, E..gal. .613 - —
l.c.l., works, E.....gal. .633 - .653
tanks, E. divd.....gal. .543 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., dms., c.l., E. works..gal. .612 - —
l.c.l., works, E.....gal. .632 - .652
tanks, E. works.....gal. .542 - —
Anhydrous 5c. per gal. higher.
SD2B, dms., c.l., wks., E.gal. .604½- —
l.c.l., works, E.....gal. .624½- .64½
tanks, E. works.....gal. .534½- —
SD23G, dms., c.l., works..gal. .652 - —
l.c.l., works.....gal. .672 - —
tanks, works.....gal. .582 - —
SD23H, dms., c.l.....gal. .61 - —
l.c.l., works, E.....gal. .63 - .65½
tanks, E. works.....gal. .54 - —
SD29, denatured, with acetaldehyde, dms., c.l., E. works. gal. .62 - —
l.c.l., works, E.....gal. .64½- .66½
tanks, E. works.....gal. .55 - —

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD3I plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works, E..gal. .63 - —
l.c.l., works, E.....gal. .65 - .68
tanks, E. works.....gal. .56 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Controls on Materials

Applications of WPB, OPA and WFA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Specific price ceiling
[2]—Price agreement (sellers with OPA)
[3]—General Limitation Order
[4]—General Preference Order
[5]—Conservation Order
[6]—Allocation
[7]—War Food Order

Alcohol, diacetone, acetone-free, dms., c.l., divd.	lb.	.11½- .14½
l.c.l., divd.	lb.	.12 - .15
tanks, divd.	lb.	.10½- .13½
tech., dms., c.l., divd.	lb.	.11 - .13½
l.c.l., divd.	lb.	.11½- .14
tanks, divd.	lb.	.10 - .13½
Ethyl, 190 pf., dms., c.l., wks.	gal.	17.17½- —
l.c.l., works	gal.	17.76 -17.79
tanks	gal.	17.66½- —
absolute, dms., c.l., works.	gal.	18.07½- —
l.c.l., works	gal.	18.71 -18.74
tanks	gal.	18.66½- —
Ethylhexyl, dms., c.l., works.	lb.	.24 - —
l.c.l., works	lb.	.25 - —
tanks, works	lb.	.22 - —
Furfuryl, tech., cns., works.	lb.	.35 - —
dms., c.l., works	lb.	.22½- —
l.c.l., works	lb.	.25 - —
tanks, works	lb.	.19 - —
Isoamyl (see Carbinol, isobutyl).		
Isobutyl, refd., dms., works.	lb.	.9000- —
tanks, works	lb.	.9700- —
Isopropyl, refd., 91%, dms., incl., c.l., divd.	gal.	.38 - —
l.c.l., divd.	gal.	.41 - —
tanks, divd.	gal.	.31½- —
99%, dms., incl., c.l., divd.	gal.	.41½- —
l.c.l., divd.	gal.	.44½- —
tanks, divd.	gal.	.36 - —
Methyl (see Methanol).		
Methylamyl (see Carbinol methylisobutyl)		
Octyl (see Alcohol, ethylhexyl).		
Phenylethyl, dms.	lb.	2.30 - 2.75
Polyvinyl, type A, fiber-pack, Niagara Falls.	lb.	.65 - .70
type B, fiber-pack, same basis.	lb.	.60 - .65
Alcohol, propyl, normal, dms., works.	gal.	.67 - —
smaller containers, works,	gal.	.82 - —
tanks, works	gal.	.60 - —
Tetrahydrofurfuryl, cns., Cedar Rapids, Ia.	lb.	.36 - —
dms., c.l., Waverly, N. Y.	lb.	.40 - —
l.c.l., same basis	lb.	.50 - —
Aldol, dms., works	lb.	.12 - .15
denaturing grade, dms.	gal.	1.30 - —
Aletris root, bgs.	lb.	2.75 - 3.00
Algarobilla,[1] c.l., ex dock	long ton	80.00 -82.50
Algarobilla price based on ocean frt. at $12 and $1 insurance per long ton.		
Algin, bbls., fib. dms.	lb.	.76 - 1.00
Alizarin (see Red, alizarin).		
Alkanet, root, bgs.	lb.	.35 - .90
Allspice,[1] Mexican, futures, bgs.,	lb.	.16 - .16½
Allyl bromide, cbys., 5,000 lbs., works.	lb.	.90 - —
smaller lots, works	lb.	1.05 - 1.10
Chloride, dms., c.l., divd.	lb.	.13½- —
l.c.l., divd.	lb.	.14 - —
tanks, divd.	lb.	.13½- —
Aloe, Cape, cs.	lb.	No stocks
Curacao, kgs.	lb.	.47 - .48
Socotrine, kgs.	lb.	.43 nom
Aloin, bbls., dms., kgs.	lb.	4.50 - 4.60
Alphanaphthol, bbls.	lb.	.52 - —
Alphanaphthylamine, bbls.	lb.	.32 - —
Alphapicoline, ret. dms., works, frt. equald.	lb.	.29½- .30½
Alphapinene, dms., c.l., wks.	gal.	.89½- —
l.c.l., works	gal.	.91½- —
tanks, works	gal.	.86½- —
Alphaterpineol, dms., c.l., works.	lb.	.1840- —
l.c.l., works	lb.	.1880- —
tanks, works	lb.	.1900- —
Alphatocopherol, amp.	gram	1.00 - 1.10
Althea root, NF, peeled, bls.	lb.	.85 - .90
Alum, ammonia, burnt, USP, bbls., kgs.	lb.	.16 - .18
gran., bbls., works	100 lbs.	4.00 - —
divd., N. Y., Phil.	100 lbs.	4.00 - —
lump, bbls., works	100 lbs.	4.25 - —
divd., N. Y., Phil.	100 lbs.	4.25 - —
powd., bbls., works	100 lbs.	4.40 - —
divd., N. Y., Phil.	100 lbs.	4.40 - —
Potash, gran., bbls., works.	100 lbs.	4.25 - —
divd., N. Y., Phil.	100 lbs.	4.25 - —
lump, bbls., works	100 lbs.	4.50 - —
divd., N. Y., Phil.	100 lbs.	4.50 - —
powd., bbls., works	100 lbs.	4.65 - —
divd., N. Y., Phil.	100 lbs.	4.65 - —
Potash-chrome, bbls.	lb.	.12½- .15
Soda, bbls., c.l., works	100 lbs.	3.95 - —
l.c.l., divd.	100 lbs.	4.25 - 5.00
Alumina, classified, grade, ground, kgs., works.	lb.	.25 - .27
top grade, ground, kgs., works.	lb.	.26 - .27
unclassified, ground, kgs., works.	lb.	.16½- .18
Acetate, basic solution, 24%, bbls., divd.	lb.	10½- .11
26%, bbls., divd.	lb.	.09½- .10
Chloride, anhyd., com'l, dms., c.l., works.	lb.	.08 - .11
l.c.l. works	lb.	.09 - .12
cryst., com'l, dms., c.l., works.	lb.	.06 - —
l.c.l., works	lb.	.06¼- .06¾
solution, 32 deg., cryst., c.l., works.	lb.	.03¾- —
l.c.l., works	lb.	.03¼- —
Fluoride, tech., bbls.	lb.	.25 - —
Formate, solution, 12-20° Be, bbls., c.l., works, f.o.b. equaled Phila. and Chi.	lb.	.09¼- —
l.c.l., works, same basis,	lb.	.10 - —
Alumina hydrate, heavy bgs., c.l., works.	lb.	.024 - .031
l.c.l., works	lb.	.035 - .040
light, bgs., divd.	lb.	.14½- —
bbls., divd.	lb.	.15 - —
Hydroxide, gel, tech., min. 18% Al (OH)₃ dms., 10,000 lbs. or or more, f.o.b. ship't point.	lb.	.08 - .09¼
ton lots, same basis	lb.	.08¼- .09½
smaller lots, same basis,	lb.	.09½- .04
cons., 9-9½% Al_2O_3, fib. dms., works.	lb.	.17½- —
contract, works	lb.	.16½- —
14-15% Al_2O_3, fib. dms., wks.	lb.	.20½- —
contract, works	lb.	.19½- —
dried, USP XII, fib. dms., works.	lb.	.72 - —
contract, works	lb.	.75 - —
powder, tech. (see Alumina hydrate).		
USP IX, bbls., dms.	lb.	.15 - .17
Laurate, precip., bbls.	lb.	.25 - .30
Naphthenate, 1.7% Al, 30-gal. dms., works.	lb.	.16½- —
Oleate, dms., contract	lb.	.24½- —
Resinate, precip., dms.	lb.	.18½- —
Stearate, precip., stn., c.l.	lb.	.23 - —
l.c.l.	lb.	.24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald.	100 lbs.	1.15 - 1.20
l.c.l., works, frt. equald.	100 lbs.	1.40 - 1.50
bbls., c.l., works, frt. equald.	100 lbs.	1.25 - 1.45
l.c.l., works, frt. equald.	100 lbs.	1.60 - 1.70
Alumina sulphate, iron-free, bgs., c.l., works.	100 lbs.	1.75 - —
l.c.l., works	100 lbs.	2.00 - —
Trihydrate, heavy (see Alumina hydrate).		
Aluminum, 98-99%, c.l.	lb.	.15 - —
l.c.l.	lb.	.15 - .16
Paste, lining, extra fine, 200-lb. dms.	lb.	.56 - .60
ink., 150-lb. dms.	lb.	.71 - —
standard, 200-lb. dms.	lb.	.58 - —
Powder, lining, extra, fine, 150 lb. dms.	lb.	.93 - —
litho, 150-lb. dms.	lb.	.60 - —
standard, 200-lb. dms.	lb.	.62 - —
rubber comp., 200-lb. dms.	lb.	.42 - —
unpolished, stand., dms.	lb.	.38 - —
varnish, stand., 300-lb. dms.	lb.	.42 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. per lb. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 20,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris, gray, tins	oz.	9.75 -12.00
Aminoethylpropanol, cns., dms., works.	lb.	.80 - .90
Aminopyrine, bots., dms.	lb.	4.60 - 4.80
Ammonia acetate, reagent, crystals, bbls.	lb.	.34 - —
purified, bbls.	lb.	.33 - —
Anhydrous, fertilizer, tankcars, works, frt. equald.	ton.	59.00 - —
pure, cyls.	lb.	.14½- —
refrigeration, tanks, works.	ton.	61.00 - —
Aqua, 26°, cbys.	lb.	.06¼- —
dms., c.l.	lb.	.02½- —
l.c.l.	lb.	.03½- —
tanks, works (NH_3 content).	ton.	65.00 - —
Benzoate, USP, dms., kgs., 4,000 lbs., up, f.c. alld.	lb.	.43 - —
smaller lots, frt. alld.	lb.	.44 - .47
Biborate, gran., bbls., N. Y. or Chi.	lb.	.1315- —
Bicarbonate, dms., c.l.	lb.	.0504- —
Bichromate, bbls.	lb.	.22 - .25
Bifluoride, bbls.	lb.	.16 - .15½
Borate, gran., bbls., kgs.	lb.	.1060- —
powd., bbls., kgs.	lb.	.1180- —
Bromide, gran. NF, bbls.	lb.	.28 - —
dms.	lb.	.29 - —
Powdered ammonia bromide 10c. per lb. higher.		
Carbonate, USP, lump, dms.	lb.	09¼- .09½
cns.	lb.	.14¼- .17½
powdered, 1c. per lb. higher.		
Chloride, tech. (see Ammonium, sal).		
USP, gran., bbls., dms., kgs.	lb.	.12 - .13
Citrate, dibasic, bbls.	lb.	.12 - —
dms.	lb.	.09 - .08
Fluoride,[6] bbls.	lb.	No stocks
Hydroxide (see Ammonia, aqua).		
Hypophosphite, NF, dms.	lb.	1.95 - 1.97
jars	lb.	1.80 - 1.95
Iodide, NF, bots.	lb.	3.71 - —
jars	lb.	3.65 - —
Linoleate, 80%, anhyd., bbls.	lb.	.12 - —
Molybdate,[6] e.p., cryst., kgs.	lb.	1.20 - 1.30
fine cryst., bbls., kgs.	lb.	.94 - .97
purified, dms.	lb.	1.10 - 1.13
Nitrate,[1] fertilizer grade, Canadian, 32.5% nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate, bgs., c.l., shipping point	ton.	40.00 - —
bulk, same basis	ton.	46.00 - —
tech., bgs., works	100 lbs.	4.35 - 4.60
bbls., works	100 lbs.	4.55 - —
Nitrate - limestone, 20.5% N, bgs., Hopewell, Va.	ton.	23.50 - —
Oleate, dms.	lb.	.14 - —
Oxalate, fine gran., bbls.	lb.	.28 - —
dms.	lb.	.26 - .30
Perchlorate, kgs.	lb.	No stocks
Persulphate, kgs.	lb.	.29½- .30½
Phosphate, dibasic, NF V, bbls., kgs.	lb.	.27 - .30
tech., bgs., c.l., works.	lb.	.07 - —
l.c.l., works	lb.	.07¾- —
monobasic, pure, bbls.	lb.	.39 - .41
tech., bgs., c.l., works	lb.	.07 - —
l.c.l., works	lb.	.07¾- .08¼
Salicylate, NF, dms., kgs.	lb.	1.15 - 1.16
Silicofluoride, bbls.	lb.	.15 - .16
Stearate, anhydrous, dms.	lb.	.24 - —
paste, dms.	lb.	.08½- —
Sulphamate, bbls., works	lb.	.18 - .21
Sulphate,[1] bulk, inland producing ovens.	ton.	26.20 - —
Atlantic coast ports	ton.	29.20 - —
Sulphide, liquid, 40-46% basis 100%, dms., c.l., works.	lb.	.09 - —
l.c.l., divd.	lb.	.15 - —
tanks, divd.	lb.	.07½- —
red, 45% cbys., works	lb.	.08 - —
dms., works	lb.	.06 - —
yellow, 32% cbys., works.	lb.	.08 - —
dms., works	lb.	.06 - —
Sulphocyanide, CP, bbls.	lb.	.55 - —
jars	lb.	.97 - —
tech., bbls.	lb.	.17 - .19
Thiocyanate (see Ammonia sulphocyanide).		
Thioglycollate, highly purified, 100% basis, bbls.	lb.	7.10 - 8.25
Ammoniac gum (see Gum, ammoniac)		
Sal, gray, bbls., c.l., works	100 lbs.	5.50 - 5.75
l.c.l., works	100 lbs.	6.00 - 6.70
white, gran., bbls., c.l., works,	100 lbs.	4.45 - —
l.c.l., same basis	100 lbs.	5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., divd.	lb.	.17 - —
l.c.l., divd.	lb.	17½- —
tanks, divd.	lb.	.16 - —
ex-pentane, dms, c.l., frt. alld. E. of Miss. R.	lb.	15½- —
l.c.l., same basis	lb.	.16½- —
tanks, same basis	lb.	.14½- —
Alcohol (see Alcohol, amyl).		
Butyrate, dms.	lb.	.90 - 1.00
Chloride, mixed, tech., dms., c.l., works.	lb.	.07 - —
l.c.l., works	lb.	.09 - —
tanks, works	lb.	.06 - —
Ether, dms., c.l., works	lb.	.090- —
l.c.l., works	lb.	.100- —
tanks, works	lb.	.060- —
Nitrite, USP, bots.	lb.	1.72 - 1.80
Mercaptan, dms., works	lb.	1.10 - —
Salicylate, bots.	lb.	.63 - .65
Stearate, dms., works	lb.	.42 - —
Anethol, com'l, dms., works.	lb.	.037 - .052
NF, dms.	lb.	2.50 - 2.60
Angelica dom. atropurpurea root,	bls.	lb. 1.30 - 1.40
imported, natural, bls.	lb.	2.50 - 2.60
Angostura bark, bls.	lb.	.21 - .23
Anilin oil, dms., c.l., works, frt. alld.	lb.	.11½- —
l.c.l., works, frt. alld.	lb.	.12½- —
tanks, works, frt. alld.	lb.	10½- —
Salt, dms., works	lb.	.22 - .24
Anise, Bulgarian, bgs.	lb.	No stocks
Chinese	lb.	.37 - .38
Cyprus, bgs.	lb.	No stocks
Mexican, bgs., futures	lb.	.34½- .35
Syrian, bgs.	lb.	No stocks
Turkish, bgs.	lb.	No stocks
Anisic aldehyde, dms.	lb.	2.75 - —
cns., bots.	lb.	2.90 - 3.25
Annatto, paste, bxs.	lb.	.34 - .39
Seed, bgs.	lb.	.12½ - .13¾
Anthracene, 80-85%, bbls., works,	lb.	.55 - —
90%, bbls., works	lb.	.65 - —
Anthraquinone, 99.5%, bbls.	lb.	.70 - —
Antimony butter (see Antimony chloride).		
Chloride, solut., cbys.	lb.	.17 - —
Metal,[1,4] bulk, c.l., works	lb.	.14½- .17½
Needle,[1,6] Bolivian, brown, 67%, cs.	lb.	.16½ Nom.
Chinese, black, 70%, cs.	lb.	.20 - .22
Oxide,[1,6] ceramic grade, bgs., c.l.	lb.	.16 - —
l.c.l.	lb.	.17 - —
paint grade, bgs., c.l.	lb.	16¾- —
l.c.l.	lb.	16¾- —
Salt,[1,6] 65%, bgs., c.l., divd. E. of Miss. River	lb.	No stocks
Sulphide,[1,6] 65-70%, bbls., c.l., works.	lb.	.17 - —
l.c.l., works	lb.	17½- —
Antipyrine, bbls., kgs., ton	lb.	2.00 - —
smaller lots	lb.	2.10 - 2.20
Apomorphine, bots.	oz.	22.20 -23.70
Apple syrup,[1] bbls.	lb.	.14 - .16
Archil extract, bbls.	lb.	No stocks
Areca nuts, powd., bbls.	lb.	.17 - .19
Arecoline hydrobromide, bots.	oz.	6.10 - 7.10
Argols,[7] min. 70%, bgs., shipment port, 100 kilos (100% purity)		46.00 - —
Arnica flowers, bbls.	lb.	2.05 - 2.10
Arrowroot, powd., bgs., bbls.	lb.	.10½- —
Arsenic, chloride (arsenous), bots.	lb.	1.85 - —
Metal, lump, c.l.	lb.	No prices
Sulphide, yellow, bbls.	lb.	No stocks
Trioxide (see Acid, arsenous, and Arsenic, white).		
White, powd., kgs., c.l.	lb.	.04 - —
l.c.l.	lb.	.04¾- —
Asafetida, cs.	lb.	.65 Nom.
powd., bbls., dms.	lb.	.85 Nom.
Asbestine (see Talc, N. Y., fibrous).		
Asbestos, fiber[1] 5D and 5K bgs., c.l. (20 tons), Cana. mines.	ton.	49.50 - —
5R, bgs., c.l. (20 tons), same basis	ton.	44.00 - —
6D, bgs., c.l. (20 tons), same basis	ton.	32.00 - —
7D, bgs., c.l., same basis	ton.	28.50 - —
7F, bgs., c.l., same basis	ton.	26.50 - —
7H, bgs., c.l., same basis	ton.	22.50 - —
7K, bgs., c.l., same basis	ton.	19.00 - —
7M, bgs., c.l., same basis	ton.	16.50 - —
7R, bgs., c.l., same basis	ton.	15.50 - —
Asphaltum, Barbados, Dunellen, N. J.	lb.	.10½- —
California, dms., c.l.	ton.	39.40 - —
l.c.l.	ton.	41.40 - —
Cuba, A, bulk, c.l.	ton.	60.00 - —
l.c.l.	ton.	66.00 - —
B, bulk, c.l.	ton.	56.00 - —
l.c.l.	ton.	65.00 - —
Egyptian	ton.	No stocks
Gilsonite,[1] brilliant black, selects, 340° F. fusing point, bgs., mines	ton.	20.00 -22.00
270-300° fusing point, bgs., mines	ton.	20.50 - —
seconds, 300-330° F. fusing point, not uniform, bgs., mines	ton.	23.50 - —
jet, bgs., ton lots, gross weight, Colo. mines	ton.	30.50 - —
Manjak, No. 10, crude, dms., works	lb.	.06½- .13
process form, bgs., works	lb.	.06¾- .10
jet, bgs., 2,000 lbs., gross weight, Colo. mines	ton.	30.50 - —
Mexican, refd., dms., f.o.b. Tampico, Mex. metric ton		27.50 - —
South American, refd., dms., c.l., N. J. refy.	ton.	22.00 -23.00
l.c.l., same basis	ton.	34.00 -35.00
tanks, same basis	ton.	15.00 - —
Atropine, bots.	oz.	2.25 - —
Sulphate, bots.	oz.	7.25 - —

B

Balm of Gilead buds, bgs.	lb.	1.90 - 2.00
Barbasco root,[1] (see Cube root).		
Barberry root bark, bgs.	lb.	.78 - .80
Barbital, dms.	lb.	2.80 - 2.90
Sodium, dms.	lb.	2.75 - 2.85
Barium carbonate, natural, 90% through 200 mesh, bgs., c.l., works.	ton.	43.00 - —
precip., bgs., c.l., works	ton.	60.00 -70.00
l.c.l., works	ton.	65.00 -75.00
bbls., c.l., works	ton.	65.00 -75.00
l.c.l., works	ton.	70.00 -80.00
Chlorate, kgs., works	ton.	.27½- .31
Chloride, CP, cryst., bbls.	lb.	.25 - .27
pure, bbls., kgs	lb.	.10 - .12
tech., cryst., bgs., c.l., works.	ton.	73.00 - —
l.c.l., works	ton.	78.00 - —
bbls., c.l., works	ton.	75.00 - —
l.c.l., works	ton.	80.00 - —
Dioxide, dms., c.l., works	lb.	.10 - —
l.c.l., works	lb.	.12 - .13
Fluoride, bbls.	lb.	.18 Nom.
Hydrate, crystals, bbls.	lb.	.06¾- .07½
Hydroxide, bbls., works	lb.	.15 - .19
Iodide, bots.	lb.	4.62 - 4.83
Monoxide (see Oxide).		
Nitrate, bbls., c.l., works	lb.	.09½- .11¼
l.c.l., works	lb.	.10 - .11½
Oxide, dms., c.l., works	lb.	.11½- .13
l.c.l., works	lb.	.14 - .15
grd., dms., l.c.l., works	lb.	.15 - .17
Peroxide (see Dioxide).		
Silicofluoride, bbls.	lb.	.17 - .19
Stearate, ctns., 1 ton up	lb.	.21 - —
smaller lots	lb.	.23 - —
Sulphate, tech. (see Barytes, and Blanc fixe).		
X-ray, bbls.	lb.	.09½- .10
kgs.	lb.	.12 - —
Barytes,[1] floated, bbls., c.l., St. Louis	ton.	27.05 - —
l.c.l., same basis	ton.	28.65 - —
ex whse., N. Y.	ton.	35.00 - —
paper bags, c.l., St. Louis	ton.	25.85 - —
l.c.l., same basis	ton.	26.85 - —
ex whse., N. Y.	ton.	34.00 - —
Southern, off-color, bgs., mines,	ton.	17.50 - —
95.75%, bgs., mines	ton.	18.00 - —
Ore, approx. 94% $BaSO_4$, bulk, mines	ton.	6.00 - —
Bauxite bulk, mines	ton.	7.00 -10.00
Bay leaves (see Laurel leaves).		
Barberry bark, bgs.	lb.	.12 - .13
Belladonna leaves, bls.	lb.	1.25 - 1.30
Root, bls.	lb.	1.25 - 1.40
Bentonite, 200 mesh, bgs., works,	ton.	11.00 - —
325 mesh, bgs., works	ton.	16.00 - —
Benzaldehyde, NF, dms.	lb.	.70 - 1.10
tech., cbys., dms.	lb.	.45 - .50
Benzene (see Benzol).		
Benzidin base, bbls.	lb.	.70 - —
Benzocaine, cns.	lb.	3.20 - 3.35
Benzol (benzene), pure, nitration and 90%, dms., works,	gal.	.20 - —
tanks, E. of Omaha, frt. alld.	gal.	.15 - —
W. Coast, Minnequa, Colo.	gal.	.13 - —
Benzophenone, dms.	lb.	1.15 - 1.20
Benzoyl chloride, cbys.	lb.	.20½- .30
Peroxide, pure, gran., fib ctns, works.	lb.	1.95 - —
Benzyl acetate, f.f.c., cns.	lb.	.60 - .75
dms.	lb.	.49½- .55
Alcohol (see Alcohol, benzyl)		
Benzoate, f.f.c., dms.	lb.	1.05 - 1.15
Chloride, tech., cbys., works, frt. equald.	lb.	.20 - —
refined, cbys.	lb.	.21 - —
Cinnamate, cns.	lb.	4.00 - 6.25
Formate, cns.	lb.	2.70 - 2.95
Propionate, bots.	lb.	1.65 - 2.65
Salicylate, bots.	lb.	1.80 - 1.85
Benzylidineacetone, bots.	lb.	2.35 - 2.70
Benzyliscoeugenol, bots.	lb.	9.50 - —
Berberine bisulphate, cns.	lb.	No stocks
Hydrochloride, bots.	lb.	No stocks
Sulphate, cns.	lb.	No stocks
Berberis root, bls.	lb.	.30 - .35
Betanaphthol, resublimed, dms., works.	lb.	.35 - .39
tech., bbls., c.l., works	lb.	.31 - —
l.c.l., works	lb.	.33 - —
Benzoate, fib. dms., works.	lb.	1.75 - —
Salicylate, dms.	lb.	5.00 - —
Betanaphthylamine, tech., works,	lb.	.51 - —
Betapicoline, 90%, ret. dms., c.l., works.	lb.	1.00 - —
l.c.l., works	lb.	1.05 - —
95%, dms., works	lb.	2.05 - —
98-99%, works	lb.	2.30 - —
Betagammapicoline, dms., c.l., works.	lb.	.32½- —
Beth root, bls.	lb.	.43 - .44
l.c.l., works	lb.	.34½- —
Bismuth chloride, bots.	lb.	3.00 - —
jars	lb.	2.85 - —
Citrate, USP VIII, bots.	lb.	2.81 - 2.90
jars	lb.	2.75 - —
Hydroxide, bots.	lb.	3.41 - 3.60
cns.	lb.	3.30 - —
Metal, ton lots	lb.	1.30 - —
Nitrate, cryst., bots.	lb.	1.41 - 1.60
cns.	lb.	1.30 - —
Oxychloride, bots.	lb.	2.14 - 2.19
cns., dms., kgs.	lb.	2.10 - —
Subbenzoate, bots.	lb.	2.61 - —
fib. dms.	lb.	2.40 - —
Subcarbonate, USP, bbls., dms.,	lb.	1.90 - 1.93
bots., cns.	lb.	1.50 - 1.60
X-ray, 5-lb. bots.	lb.	2.70 - —
fib. dms.	lb.	2.75 - —
Subgallate, NF, bots., cns.	lb.	1.40 - 1.60
fib. dms.	lb.	1.40 - 1.42
Subiodide, bots.	lb.	4.10 - 4.25
fib. dms.	lb.	4.15 - —
Subnitrate, USP, powd., bbls., dms.	lb.	1.20 - 1.28
bots.	lb.	1.20 - 1.30
Subsalicylate, USP, bbls., fib. dms.	lb.	2.60 - —
5-lb cans	lb.	2.54 - 2.60
Subsubcarbonate, bots.	lb.	2.71 - 2.74
fib. dms.	lb.	2.65 - —
Bismuth-ammonia citrate, USP, powd., dms.	lb.	2.40 - —
cns.	lb.	2.45 - 2.50
Black, acetylene, bgs., c.l., works.	lb.	.14 - —
l.c.l., works	lb.	.18 - —
Bone 1A, bgs., bbls., c.l., frt. alld. E.	lb.	.17 - —
2, bgs, bbls., c.l., same basis	lb.	.19 - —
3, bgs, bbls., c.l., same basis	lb.	.11 - —
4, bgs., bbls., c.l., same basis	lb.	.09½- —
400A, bgs., bbls., c.l., same basis.	lb.	.09½- —
Bone, 457, bgs., bbls., c.l., same basis.	lb.	.11½- —

Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.

Carbon, channel, compressed, beads, bulk, c.l., works	lb.	.05 - —
bgs., c.l., works	lb.	.055- —
l.c.l., works	lb.	.06 - —
divd. or whse.	lb.	.062- —
uncompressed, regular, bgs., c.l., works	lb.	.03625- —
bgs., stns., l.c.l., divd. or whse.	lb.	.037 - —
Furnace, HMF, bgs., c.l., works	lb.	.05 - —
stns., l.c.l., whse.	lb.	.07½- —
SRF, bgs., c.l., works	lb.	.06½- —
stns., l.c.l., whse.	lb.	.06 - —
Thermatomic, bgs., c.l., works, La.	lb.	.04 - —
l.c.l., whse. Trenton, N. J.	lb.	06½- —

Charcoal (see C).
Graphite (see G).

Iron oxide, magnetic, pure, bbls., l.c.l., works	lb.	.09½- —
Lamp, 1, stns., c.l., works	lb.	.05½- —
l.c.l., works	lb.	.09 - —
2, stns., c.l., works	lb.	.10 - —
l.c.l., works	lb.	.11 - —
2A, stns., c.l., works	lb.	.13 - —
l.c.l., works	lb.	.13½- —
3, stns., c.l., works	lb.	.14½- —
l.c.l., works	lb.	.15½- —
4, stns., c.l., works	lb.	.16½- —
l.c.l., works	lb.	.17½- —
5, stns., c.l., works	lb.	.20 - —
l.c.l., works	lb.	.20 - —
6, stns., c.l., works	lb.	.26½- —
l.c.l., works	lb.	.27½- —
7, stns., c.l., works	lb.	.27½- —
l.c.l., works	lb.	.28½- —
Mineral, vine type, bbls., l.c.l., works.	lb.	.04½- —
Vine A, bbls.	lb.	.04½- .05
B, bbls.	lb.	.05½- —
kegs	lb.	.06 - —

Black dyes (see Dyes).

Black haw root bark, bls.	lb.	.84 - .85
Tree bark, bls.	lb.	.40 - .45
Black Indian hemp root, bls.	lb.	.55 - .60
Blanc fixe, dry, by-product, bgs., c.l., works.	ton.	60.00 - —
l.c.l., works	ton.	67.00 - —
direct process, bgs., c.l., works	ton.	70.00 - —
bbls., c.l., works	ton.	75.00 - —
l.c.l., works	ton.	80.00 - —
pulp, 66%, bbls., c.l., works.	ton.	40.00 - —
l.c.l., same basis	ton.	46.50 - —
Bleaching powder,[6] dms., c.l., works.	100 lbs.	2.90 - 3.10
l.c.l., works	100 lbs.	3.75 - 3.80
Blood,[1,7] dried, 16-16½% ammon., bgs. unit-ton.	unit	3.00 - —
high-grade, unground, 16-17% ammon., bulk, Chicago.	unit-ton.	3.00 - —
soluble, bgs., c.l., Chicago	lb.	.13 - —
l.c.l., Chicago	lb.	.15 - .20
Bloodroot, bls.	lb.	.60 - .65

OPD—5-6-1946

SPOT STOCK

BROMINE & BROMIDES
CAUSTIC SODA
CELLOSOLVE
CETYL ALCOHOL
CITRIC ACID
CREAM OF TARTAR
CRESOL
CRESYLIC ACID
ETHYLENE GLYCOL
HEXYLRESORCINOL
LANOLIN
MAGNESIUM CARBONATE
MYRISTYL ALCOHOL
NAPHTHALENE
NEUTRAL OIL
PHENOL
PINE OIL
PYRIDINE
ROCHELLE SALTS
SODA ASH
SODIUM BENZOATE
SODIUM CITRATE
SODIUM PERBORATE
TALL OIL
TAR ACID OIL
TARTARIC ACID
TRIETHANOLAMINE
YELLOW PRUSSIATE SODA

WILLIAM D. NEUBERG COMPANY

Chemicals

GRAYBAR BUILDING • 420 LEXINGTON AVE • NEW YORK 17, N. Y.

TELEPHONE LEXINGTON 2-3324

CABLE—"WILNEUBERG"

Blue,[1] alkali, dry, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. 1.75 - —
Toner, bbls., same basis....lb. .80 - .90
Celestial, bbls., same basis...lb. .10 - .12
Chinese, bbls., same basis..lb. .36 - —
Cobalt, genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, full strength, bbls., same basis. lb. 3.50 - 3.75
80%, bbls., same basis...lb. 3.00 - —
green shade, bbls., same basis. lb. 4.50 - 4.90
Iron (see Blue, Chinese, Milori, Potash Prussian, and Soda).
Milori, bbls. same basis....lb. .86 - —
Molybdated, Victoria, bbls., same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis. lb. .52 - —
permanent toner, green shade, molybdic, bbls., same basis lb. 3.50 - —
tungstic .....lb. 4.00 - —
Potash, CP, bbls., same basis. lb. .42 - —
Prussian, bbls., same basis.lb. .86 - —
soluble, bbls., same basis..lb. .36 -
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine, cobalt type, dry or pulp, bbls., same basis lb. .23 - .27
jobbing type, dry, bbls., same basis..lb. .12 - .13
regular types, dry or pulp, bbls., same basis..lb. .17 - .27

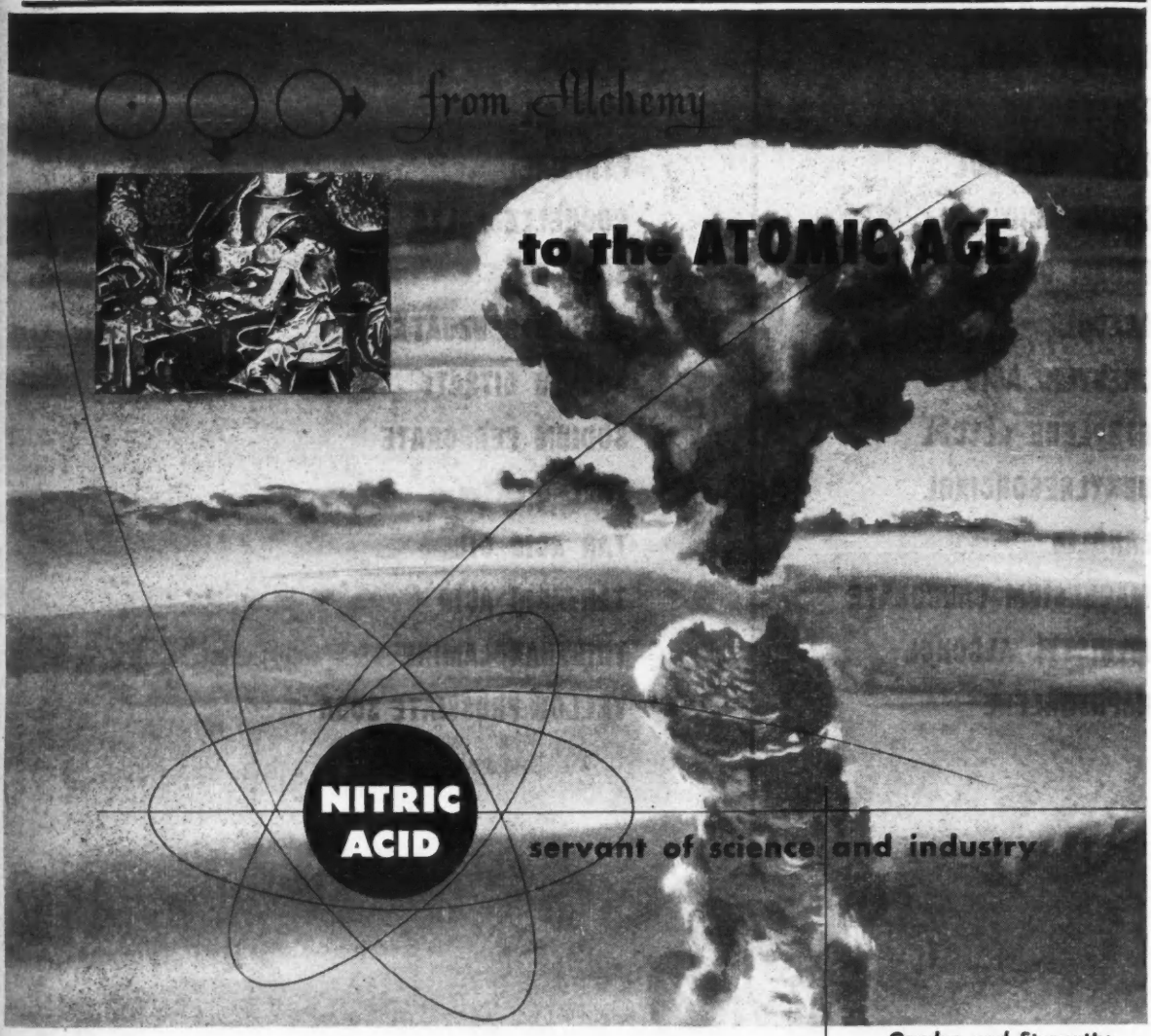
Blue, Victoria, toner, molybdic, bbls..lb. 3.15 - —
tungstic, bbls.....lb. 3.50
ink toner, bbls., same basis, lb. 1.93 - —
synthetic vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, bbls., same basis..lb. 1.24 - —
tungstic, kgs., same basis..lb. 2.10 - —
Blue dry colors, dlvd. prices 1c. higher Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher. Pac. Coast, Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.
Blue dyes are listed under Dyes.
Blue mass, NF, cns., tube....lb. 1.58 - 1.75
powd., bots., cns., dms.....lb. 1.61 - 1.75
Blueflag root, bls.....lb. .60 - .65
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone,[1] raw, bulk, Chicago...ton. 37.00 - 65.00
tank, bulk, same basis.. ton. 35.00 - —
Meal, raw, 4½% ammon., 50% phos., bgs., E. works. ton. 37.50 - —
Chicago, works ton. 39.00 -
steamed, feeding grade, 1% ammon., 60% phos. bgs., E. works..ton. 48.50 - —
Chicago, works....ton. 50.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works ton. 38.50 - —
Chicago, works ....ton. 36.00 - —
Phosphate, defluorinated (see D)
Precipitated (see Calcium phosphate tribasic precip.).
Boneset leaves, bls.....lb. .16 - .17
Borage flowers, bls.....lb. .60 - .62

Borax, tech., 99½% gran., bulk, c.l., frt. alld..ton. 41.50 - —
bgs., c.l., frt. alld....ton. 45.00 - —
ton lots, ex whse....ton. 46.00 - —
less ton lots, ex whse.ton. 51.00 - —
bbls., c.l., frt. alld.....ton. 55.00 - —
ton lots, ex whse....ton. 66.00 - —
less ton lots, ex whse.ton. 71.00 - —
powd., bgs., c.l., frt. alld.. ton. 60.00 - —
ton lots, ex whse.....ton. 61.00 - —
less ton lots, ex whse.ton. 66.00 - —
bbls., c.l., frt. alld.....ton. 60.00 - —
ton lots, ex whse.....ton. 71.00 - —
less ton lots, ex whse.ton. 76.00 - —
USP, $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb. .11½- —
Bornyl thiocyanoacetate (see Isobornyl thiocyanoacetate).
Brimstone (see Sulphur).
Bromine, purified, cs., c.l., frt. alld. E. of Rockies..lb. .21 - —
1,000 lbs., frt. alld. E. of Rockies..lb. .23 - —
single pkgs., same basis..lb. .23 - —
Brazilwood extract (see Hypernic).
Bromoform, USP, bots.....lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol .....lb. 5.20 - 6.25
Bronze powder, aluminum (see A). Gold, litho., cns., dms., works. lb. .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same basis..lb. .45 - .50
Broomtop, bls. .....lb. .21 - .24

Brown, iron-oxide, pure, precip., cks., works..lb. .12 - —
Metallic, bbls., c.l., works..lb. .08½- —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .06½- .06
pap. bgs., c.l., same basis. lb. .0235- —
Italian type, bbls., works. lb. .06¾- .10¾
raw, American, bbls., works. lb. .04 - .10
Italian type, bbls., works. lb. .08 - .10
Umber, burnt, American, bbls., works..lb. .06½- —
Italian-type, bbls., works.lb. .04¾- —
Turkey-type, bbls., c.l., Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05½- —
Minneapolis .....lb. .0585- —
Pittsburgh .....lb. .05 - —
ex car, Los Angeles.. lb. .05⅝- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse, Los Angeles. lb. .05⅝- —
Portland, San Francisco, Seattle..lb. .05¾- —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., works.....lb. .12 - —
Brucine, cns., 100 ozs.....oz. .35 - —
Sulphate, cns., 100 ozs.....oz. .30 - —
Bryonia root, bls.....lb. .58 - .60
Buchu leaves, bls.....lb. .80 - .83
Buckthorn bark, bls.....lb. .45 - .46
Berries, bgs.....lb. .60 - .
Burdock root, bls.....lb. .35 - .37
Burgundy pitch, dom., dms...lb. .08 - —
Butane,[1] indust., tanks, Group 3. gal. .03½ -
Butyl acetate, normal,[1] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss. R. lb. .2105- —
l.c.l., same basis.....lb. .2135- —
tanks same basis.....lb. .2005- —
tankwagon, same basis.lb. .2065- —
other production, dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1950- —
tanks, same basis.....lb. .1800- —
synthetic, dms., c.l., same basis..lb. .11¼- —
l.c.l., same basis.....lb. .12¾- —
tanks, same basis.....lb. .10¾- —
secondary,[1] dms., c.l., dlvd. E. of Miss. R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- —
Normal butyl acetate, W. of Miss. R., ½c. per lb. higher.
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .26½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., l.c.l., works. lb. .35 - —
tech., dms., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .24½- .25
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl phthalate).
Propionate, dms., dlvd.....lb. .16½- .17
tanks, dlvd.....lb. .15½- —
Stearate, dms.....lb. .31½- —
Butyric ether, bots.....gal. 6.50 - 6.90
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide, bots.....lb. 1.84 - 1.91
jars .....lb. 1.65 - 1.70
Iodide, bots. .....lb. 4.23 - —
cns. .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,5] ingots or sticks, dlvd. lb. .90 - —
pat. shapes, cs., dlvd.....lb. .95 - —
Selenide (see Red).
Sulphide (see Yellow).
Caffeine,[1] dms., 100 lbs. or more. lb. 2.80 - 2.85
smaller lots.....lb. 2.95 - 3.20
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.05
smaller lots.....lb. 3.15 - 3.45
Citrated, dms., 100 lbs. or more. lb. 1.95 - —
smaller lots.....lb. 2.05 - 2.20
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs., futures, lb. .80 - .89
Calamus root, natural, dom., bls. lb. .50 - .55
Calciferol, in corn oil, dms., 10,000 units or more, works, unit. .10 - —
1,000 to 10,000 units, works, unit. .11 - —
less than 1,000 units, works, unit. .12 - —
Calcium acetate, bgs., dlvd.... 100 lbs. 3.00 - 4.00
Arsenate, bgs., c.l., whse., wks., frt. alld..lb. .07½- .08
l.c.l., same basis.....lb. .08 - .08½
Bromide, N.F., jars.....lb. .65 - .70
Carbide,[1] dms., c.l., works.ton. 80.00 - —
dlvd. .....ton. 87.00 -90.00
Carbonate (see Chalk and Whiting).
Chloride, cryst., purified, bbls., jars..lb. .28 - .30
flake, 77-80%, paper bgs., c.l., dlvd..ton. 18.50 -35.00
l.c.l., dlvd.....ton. 28.50 -45.00
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, 73-75%, dms., c.l., dlvd. ton. 18.00 -34.50
l.c.l., dlvd.....ton. 28.00 -44.50
Calcium chloride prices vary according to zone; minimum prices are for spot delivery. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums, $3.50 per ton over paper bags.
Cyanide, dms., delivered E. of Rockies..lb. .20 - .40
Gluconate, USP, gran., bbls..lb. .52 - —
dms. .....lb. .57 - .80
cns. .....lb. .70 - —
powd., 2c. per lb. lower.
Glutamate, kgs.....lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.25 - —
smaller lots .....lb. 1.40 - 1.60
Hypochlorite, dms., dlvd. E. of Rockies....lb. .22 - .30½
cans, in cases, same basis..lb. .3775- .4225
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, edible, dms.....lb. .21 - —
USP, bbls.....lb. .35 - .37
Laurate, bbls.....lb. .28 - .30
Mandelate, USP, dense, fluffy, dms..lb. 2.05 - 2.30
Naphthenate, 4% Ca, 55-gal. dms..lb. .22½- —
Pantothenate, dex., 100-gram bots..per gram. .19 - —



NITRIC ACID . . . born in the reeking retorts of ancient alchemy . . . has been an invaluable tool of science and industry down through the ages. Even today, it still finds new, dramatic roles—such as in jet propulsion. Alone and as a component of mixed acid, this versatile product is irreplaceable for a host of applications ranging from explosives to engraving . . . from plastics to dyes. Scores of processes utilize its dual chemical characteristics as a strong acid and as a vigorous oxidizing agent.

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Standard Grades
36° Be 38° Be 40° Be 42° Be

Diamond Grades
Highest Quality Commercial Acid
36° Be 38° Be 40° Be 42° Be
52.3%HNO_3 56.5%HNO_3 61.4%HNO_3 67.2%HNO_3
Approx. Approx. Approx. Approx.

Nitric Acid 95%
Diamond & Standard (48.5° Be)
Low in Impurities

Other Commercial Grades
including Aqua Fortis, also available

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C.P. Reagent A.C.S. Sp. Gr. 1.42
Fuming, Sp. Gr. 1.49-1.50, Reagent
Red, Fuming, Sp. Gr. 1.59-1.60, Reagent

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BASIC CHEMICALS
GENERAL CHEMICAL COMPANY
FOR AMERICAN INDUSTRY

Calcium phosphate, feeding grade, bgs., works..ton.75.00 - —
feed grade, bbls., 10 over, works..lb. .07 - .07¾
less than 10, works.....lb. .08 - .10
medicinal, dibasic, bgs..... 100 lbs.11.40 -15.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald.....lb. .06 - .06½
tribasic, bbls., c.l., works..lb. .0635- —
bgs., l.c.l., works.....lb. .0645- .0650
Resinate, precip., 6.5% Ca, 100-lb. dms..lb. .15½- —
Silicate, hydrated, c.l., bgs., works..lb. .05½- —
l.c.l., works.....lb. .06 - —
Stearate, precip., ctns., c.l., works..lb. .25 - —
l.c.l., works.....lb. .26 - .28
Sulphate (see Gypsum).
Sulphide, 70%, bgs., c.l., works. ton.45.00 - —
80%, bgs., c.l., works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls.....lb. .49 - .50
Tallate, 8%-4% Ca, 50-gal. dms. lb. .18¼- .19¼
Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.09 - 1.50
fine particle size, works.. lb. 1.50 - 1.75
Calendula flowers, bls.....lb. 2.00 - 2.05
Calomel, bbls., dms.....lb. 2.44 - 2.45
Camphor, natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works..lb. .42 - —
10 bbls. (1,500 lbs.).....lb. .44½- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots.....lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Camphor, monobromated, dms..lb. 2.20 - —
Canada balsam (see Fir balsam).
Cantharides, Russian, bgs.....lb. 9.00 - —
Capsicum (see Pepper, red).
Capsicum oleoresin, USP VII, cns..lb. 4.50 - 4.65
Caramel coloring, bbls.....gal. .70 - 1.10
Caraway seed,[1] California, Dutch type..lb. .35 - .36
Canadian, bgs.....lb. .35 - .35½
Danish, bgs.....lb. .29 - .30
Dutch, bgs.....lb. .30 - .31
futures, bgs.....lb. .26½- .27
Morocco, dewhiskered, futures, bgs..lb. .37 - .38
natural, bgs., futures.....lb. .33 - .34
Spanish, dewhiskered, bgs...lb. No stocks
Syrian, dewhiskered, bgs....lb. No stocks
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works.....lb. .90 - —
90%, dms., ton lots, works...lb. .75 - —
smaller lots, works.....lb. .85 - —
Carbinol, butyl, norm. dms., l.c.l., works..lb. .27 - —
secondary, dms., l.c.l., works. lb. .60 - —
Isobutyl, dms., c.l., works..lb. .22½- —
l.c.l., works.....lb. .25½- —
tanks, works.....lb. .21¼- —
Methylisobutyl, dms., c.l., nearest delivery point buyer's works..lb. .11¾- —
l.c.l., same basis.....lb. .12¼- —
tanks, same basis.....lb. .10¾- —
Carbon bisulphide, 55-gal. dms., c.l., frt. all. E. of Miss R., N. of Ohio R..lb. .06 - —
l.c.l., same basis.....lb. 06¾- —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis.....lb .08 - .08¼
Dioxide, cyls.....lb. .06 - .08
Tetrachloride,[1] c.p., dms., c.l. gal. .96 - —
l.c.l.....gal. 1.01 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .69 - —
l.c.l., frt. alld.....gal. .76 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .93 - —
l.c.l., frt. alld.....gal. 1.03 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .76 - —
l.c.l., frt. alld.....gal. .83 - —
5 or 10 gal. dms., c.l., frt. alld..gal. 1.00 - —
l.c.l., frt. alld.....gal. 1.10 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld.....gal. .96 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.13 - —
l.c.l., frt. alld.....gal. 1.23 - —
Zone 4, 52½-gal. dms., c.l. gal. .83 - —
5 or 10-gal. dms., c.l..gal. 1.03 - —
l.c.l.....gal. .90 - —
USP, cbys.....lb. .17 - .19

Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A. Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O, Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans.; 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho, Nev., Ore., Utah, Wash. and Montana points W. of Billings.

Cardamom,[1] bleached, bold, cs., lb. 1.35 - 1.40
medium, cs.....lb. 1.30 - 1.35
decorticated, Guatemala, cs...lb. 1.00 - 1.10
India, cs.....lb. 1.00 - 1.10
green, Alleppey, bgs.....lb. .87 - .88
Carotene, cryst., 1,350,000 A units per gm., tins, works, 1,000,000 units. 50 - —
research grade (alpha, 10%; beta, 90%), amps, 100 grams, divd..gram. 2.85 - —
50 grams, divd .....gram. 2.90 - —
in vegetable oil, 250,000 USP units per gm., bots., works. lb.37.80 - —
50,000 USP units per gm., bots., works..lb. 8.42 - —
dms., works.....lb. 7.68 - —
8,800 A units per gm., tins, works, 1,000,000 units. 55 - —
dms., works..1,000,000 units. 50 - —
3,300 USP units per gm., dms., works..lb. 6.6 - 7.
Carvol, bots.....lb.16.00 -20.00
Cascara sagrada bark, bulk....lb. .43 - .45
Case-hardening mixture, 30% gran., dms., l.c.l..lb. 09¾- —
slabs, dms., l.c.l.....lb. .08¾- —
Casein,[1] dom., acid-precip., bgs., 10,000 lbs. or more, ship't point..lb. .33 - —
2,000 lbs. or more, but under 10,000 lbs., same basis..lb. .33¼- —
less than 2,000 lbs, same basis..lb. .33¾- —

Casein, dom., rennet-precip., bgs., 10,000 lbs. or more, same basis..lb. .34½- —
2,000 lbs. or more, but under 10,000 lbs., same basis..lb. .33¾- —
less than 2,000 lbs.....lb. .35½- —
imp., acid-precip., ground, bgs., 100 bgs. or more..lb. .33 - —
rennet - precip., unground, 100 bgs. or more..lb. .34¼- —
Cassia,[1] China buds, bgs., futures..lb. .54 - .55
rolls, selected, cs., futures. lb. .38 - .39
extra select, broken, bbls., lb. .35 - .36
Saigon, May-June ship't., cs. lb. .65 Nom.
Cassia fistula, bskts.....lb. .26 - .28
Castor bean,[1,2] bgs., c.i.f. first arrival point, U.S...long ton.118.00 - —
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works..... unit-ton. 3.15 - 4.75
Castoreum, nat., cns.....lb.12.00 -13.00
synthetic, cns.....lb.21.00 - —
Catechol, CP, cryst., works, fa. dms., frt. alld..lb. 1.90 - —
resublimed, works, frt. alld., dms..lb. 2.25 - —
Catnep, bls.....lb. .60 - .65
Celery seed,[1] French, bgs.....lb. 1.00 Nom.
Indian, bgs.....lb. .24½- .25
Celluloid scrap (see Pyroxylin scrap)
Cellulose acetate, flake, ctns., works, frt. alld. on 100 lbs. or more..lb. .30 - —
granules, ctns., same basis..lb. .35 - —
Acetate-butyrate, flake, high (36.5%) butyryl content, 50-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works....lb. .48 - —

Cellulose, acetate-butyrate, medium (15.5 or 17.0%), 50 lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.. lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works....lb. .46 - .
Granules are 5c. per lb. higher, all quantities.
Acetate-propionate, flake, high (31.5%) propionyl content), 50-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs. works....lb. .48 - —
Granules are 5c. per lb. higher all quantities.
Triacetate, flake, ctns., works, frt. alld. on 100 lbs. or more..lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works...lb. .35 - —
kgs., works.....lb. .37 - —
Cerium oxide, optical grade, kgs., 100-lb. lots, works..lb. 1.50 - —
bgs., smaller lots, works.lb. 1.00 -
Chalk, precipitated, cosmetic, dentifrice, and drug, bgs., c.l., works..lb. 02¼- —
paint and other industries, bgs., c.l., works..ton.40.00 - —
Papermakers, bgs., c.l., works, ton.82.50 - —
rubbermakers, bgs., c.l., works ton.36.00 - —
Chamomile, Hungarian type, cs. lb. .65 - .70
Roman, bls., futures.....lb. 1.75 - 1.85

Charcoal, hardwood, lump, bulk, c.l., works..ton.38.00 -39.50
bur, bgs., included, c.l., works..ton.41.50 -46.80
briquets, bulk, c.l., works, ton.44.50 -49.80
bgs., c.l., works.....ton.49.80 -50.50
granular, all grades, bgs., works..ton.46.80 -49.80
screenings, bgs., works..ton.31.20 -33.15
Pinewood,[1] lump, bgs., c.l., Southern shipping points. ton.20.00 - —
granular, powd., bgs., c.l., works, South..ton.30.20 - —
l.c.l., works.....ton.41.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract,[1,2] standard 25% tannin, bbls., c.l., works..100 lbs. 3.23 - 3.55
l.c.l., works.....100 lbs. 3.47 - 3.80
tanks, works.....100 lbs. 2.63 - 2.96
powdered, 65% tannin, bags extra, c.l., works.100 lbs. 7.46 - 8.23
l.c.l., works.....100 lbs. 8.21 - 9.07
Chillies (see Pepper, red).
China clay,[1] dom., dry-grd., airfloat, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works....ton.16.00 - —
bulk, c.l., works.ton. 7.60 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -10.34
wet-grd., silk-bolt, 99½%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works.ton.12.50 - —
Import, white, lump, bulk, c.l., ex dock Baltimore, Boston, Norfolk, Philadelphia..ton.19.00 -24.00
powd., cks.,[1] c.l., ex whse.ton.41.00 -

Spot Deliveries

HEAVY CALCINED MAGNESIA White
CALCIUM CITRATE
RED LEAD
CAUSTIC POTASH
SODIUM BICHROMATE
MAGNESIUM METAL POWDER High Purity
COPPER SULPHATE
OXALIC ACID
SODIUM SULPHITE High Purity
ZINC OXIDE American & French Process
LITHARGE
CHROMIC ACID
BUTYL ACETATE
BUTYL ALCOHOL

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Distributors for THE RUFERT CHEMICAL COMPANY

NICKEL FORMATE • Also NICKEL CATALYST • NICKEL CARBONATE
NICKEL OXIDE, etc.

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CHEMICALS CORPORATION

420 LEXINGTON AVENUE • NEW YORK 17, N. Y. • PHONE LE 2-9740

Chloral hydrate, jars....lb. .92 - .93
dms. ....lb. .90 - .95
Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works..lb. .32 - —
smaller lots, works....lb. .35 - —
1-lb. bots., ex whse....lb. 1.25 - —
Chlorine, liquid, cyls., c.l....lb. .05½- —
contracts ....lb. .05¾- —
l.c.l. ....lb. .07½- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..100 lbs. 2.00 - —
2, wks., frt. equald.100 lbs. 2.50 - —
1 wks., frt. equald.100 lbs. 3.00 - —
Chloroform, tech., dms....lb. .20 - .22
USP, dms....lb. .20 - .22
Chloropicrin, com'l, 180-lb. cyl., 100-lb. cyls., same basis...lb. .32 - —
25-lb. cyls., ex whse....lb. 1.00 - —
1-lb. bots., ex whse....lb. 1.25 - —
Choline chloride, fib. dms....lb. 2.00 - 2.10
Dihydrogen citrate, fib. dms.lb. 3.00 - 3.10
Chrome acetate, powd., 22% Cr., bbls., works..lb. .32 - .34
ton lots, works....lb. .30 - .32
solut., 8% bbls., cs....lb. .07½- —
7½% bbls., cs....lb. .06½- —
Chrome, fluoride, bbls., wks..lb. .24 - .27
Cake, bulk, c.l., works....ton.16.00 - —
Oxide (see Green, chrome oxide).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bots....lb. 6.02 - 6.60
Cinchona bark,[6] red, quill, USP, 10 in., cas..lb. 1.20 Nom.
Cinchonidine,[6] small, cryst., cns., 100 cns..oz. No price
Sulphate, NF, cns., 100 cns..oz. No price
Cinchonine[6] small, cryst., cns., 100 cns..oz. No price
large, cryst., cns., 100 cns..oz. No price
Sulphate, NF, cns., 100 cns..oz. No price
Cinchophen, NF, heavy, dms..lb. 2.70 - 2.80
standard, dms....lb. 2.50 - 2.60
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cbys., cns., dms...lb. .85 - 1.00
Cinnamon,[1] Ceylon, O, bls., futures..lb. .5700- —
OO, bls., futures....lb. .5620- —
OOO, bls., futures....lb. .5900- —
OOOO, bls., futures....lb. .5990- —
No. 1, bls., futures....lb. .5625- —
2, bls., futures....lb. .5435- —
3, bls., futures....lb. .5335- —
4, bls., futures....lb. .5235- —
Citral, bots., cns....lb. 6.50 - 7.50
Citrine, ointment, jars....lb. .95 - 1.15
Citronellal, bots., dms....lb. No prices
Citronellol, bots., dms....lb. No prices
Clove,[1] Madagascar, bls....lb. .16¾- .17¼
futures, bls....lb. .16 - .16¾
Zanzibar, bls....lb. .17¼- .17½
futures, bls....lb. .17¼- .17¾
Clover tops, red, dom., bgs....lb. .50 - .55
imported, bgs....lb. No stocks
Coaltar, coal-gas, crude, 50 gal., bbls., c.l., works..bbl. 8.25 - —
l.c.l., works....bbl. 8.75 - —
tanks, works....gal. .07½- .08¼
refd., 50-gal., bbls., c.l., works. bbl. 8.75 - —
l.c.l., works....bbl. 9.25 - —
tanks, works....gal. .08½- —
water-gas, crude, 55 gal., dms., c.l., works..bbl. 8.25 - —
l.c.l., works....dm. 8.75 - —
refd., 55-gal. dms., c.l., wks. dm. 8.75 - —
l.c.l., works....dm. 9.25 - —
Cobalt acetate, bbls., kgs., dlvd.. lb. .33¾- —
feed grade, 49.5% Co, kgs..lb. 1.25 - —
Carbonate, powd., bgs., works.. lb. 1.58 - —
feed grade, 23% Co, kgs....lb. 1.85 - —
Chloride, kgs., works....lb. .87½- —
feed grade, 24.5% Co, kgs..lb. 1.25 - —
Hydrate, bbls....lb. 2.04 - —
feed grade, 62% Co, kgs....lb. 2.25 - —
Linoleate, paste, 5%, dms...lb. .32 - .35
solid, 8½%, dms....lb. .44 - —
Nitrate, feed grade, 30.4% Co, kgs..lb. 1.25 - —
Cobalt oleate, bbls....lb. .44 Nom.
Oxide,[1] black, kgs....lb. 1.84 - —
Phosphate, feed grade, 34% Co, kgs..lb. 1.75 - —
Resinate, precip., 7.5% Co, 100-lb. dms..lb. .33½- —
Soyate, 8%-8.5% Co, 50-gal. dms..lb. .43 - .44
Sulphate,[6] dms....lb. .65 - —
feed grade, 21% Co, kgs....lb. 1.00 - —

Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland or New York.

Cobalt-ammonium sulphate, 14% Co, kgs..lb. .75 - —
Cocaine hydrochloride, 100-oz. lots, cns..oz. 9.75 - —
Cochineal, gray, bgs....lb. .46 - .47
silver, Teneriffe, bgs....lb. .47 - .48
Cocoa butter,[1,7] bulk, ship. pt.lb. .25 - —
Cocillana bark, bgs....lb. .60 - .61
Codeine, cns., 100 cns....oz.11.70 - —
Hydrochloride, cns., 100 cns.oz.10.50 - —
Phosphate, cns., 100 cns....oz. 9.00 - —
Sulphate, cns., 100 cns....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls....lb. .22 - .26
blue, bls. ....lb. .24 - .25
Colchicine, bots., cns....oz. No stocks
Colchicum seed....lb. No stocks
Collodion, USP, dms....lb. .19½- .20½
cns. ....lb. .22 - .23½
Flexible, USP, dms....lb. .21 - .22
cns. ....lb. .25 - .31
Colocynth pulp, bls....lb. .52 - .53
Colombo root, bls....lb. .12 - .14
Coltsfoot leaves, bgs....lb. .70 - .72
Condurango bark, bgs....lb. .17 - .18
Copaiba balsam, Para, cns....lb. No stocks
S. A., USP, cns....lb. .95 - 1.00
Copper acetate, cupric, bbls., works..lb. .25¼- —
smaller containers, wks..lb. .27 - —
Carbonate, 52-54%, bbls....lb. .19¼- .20½
Copper chloride, anhyd., bbls.lb. .22½- .23
crystals, bbls....lb. .16¾- .17
Cyanide, tech., bbls....lb. .24 - .26
Iodide, bots....lb. 5.15 - 5.19
Metal,[1] electrolytic....lb. .12 - .12½
Naphthenate, 6%-8% Cu, 50-gal. dms..lb. .16 - .17
Nitrate, tech., cryst., bbls..lb. .19¼- .20½
Oleate, precip., bbls....lb. .22½- .23½
Oxide, black, bbls., works...lb. .19 - .20
lb. .19 - .20
red, com'l, bbls., works....lb. .31 - .34½
Oxychloride-sulphate,[6] bgs...lb. .17 - .20
Resinate, precip., 8.3% Cu, 125-lb. dms..lb. .15½- .16
Sulphate,[1] 99%, cryst., bgs., c.l., works..100 lbs. 5.00 - —
l.c.l., 700 to 35,000 lbs.. 100 lbs. 5.15 - 5.20
Monohydrated, bgs., in dms., 36-000-lb. lots, dlvd.... 100 lbs. 10.20 - —
smaller lots, dlvd..100 lbs.10.95 - —
dms., c.l., dlvd....100 lbs. 9.95 - 9.20
l.c.l., dlvd....100 lbs. 9.95 -10.20
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
l.c.l., works....100 lbs. 1.85 - 2.00
bbls., c.l., works....ton.20.00 - —
bulk, c.l., works....ton.14.00 - —
Copra,[7] Coast, ship't....lb. No prices
Coriander[1] seed, Argentine, bgs. lb. .07 - .08
Indian, bgs....lb. No stocks
Morocco, bgs. ....lb. .08 - .08½
Peru, bgs....lb. .08 - .08½
So. American, bgs....lb. .10 - .10¼
Corn silk, bls....lb. .43 - .44
Corn sugar, tanners, chipped, bgs., c.l., dlvd..100 lbs. 3.905 - —
slabs, bbls., c.l., dlvd.... 100 lbs. 3.825 - —
Syrup, 42°, bbls., c.l., dlvd.. 100 lbs. 4.251 - —
42°, bbls., c.l., dlvd..100 lbs. 4.371 - —
Corrosive sublimate,[6] cryst., cms., 50 lbs. or more..lb. 2.07 - —
gran., powd., dms., 50 lbs. or more..lb. 1.92 - —
Cottonroot bark, bls....lb. .35 - .40
Cottonseed hull ash, 22-30% pot-ash, bgs., dlvd..unit-ton. 1.30 - —
Meal,[1,7] 41% protein, bulk, Memphis, c.l..ton.45.00 -48.75
Coumarin,[1] cns., 5 lbs. or more.. lb. 2.75 - —
smaller lots....lb. 2.90 - 3.10
Cramp bark, NF, bls....lb. .80 - .81
Cream of tartar, dom., USP, gran. or powd., bbls., 5,000 lbs. one ship't..lb. .51½- —
smaller lots, bbls., kgs., lb. .52 - .53¼
imported, bls....lb. .50 - .55
Creosote carbonate, bots., cbys., lb. 2.10 - 2.20
Coaltar (see Cresol).
Oil,[2] coaltar, crude, tanks, works..gal. .15¼- —
refined, dms., c.l., works, gal. .247 - .2525
l.c.l., same basis....gal. .26 - .28
tanks, same basis....gal. .18 - .18½
solution, tanks, works....gal. .141 - —
Wood, beech, bots., cbys....lb. .98 - 1.04
Hardwood, N.F., bots., cbys. lb. .60 - .77
Pine, dms....gal. .21 - .23
Cresol,[2] special resin grades, dms., c.l., works, frt. equald., lb. .09½- .10½
l.c.l., same basis....lb. .10 - .11
tanks, same basis....lb. .09¾- .09¾
USP, dms., c.l., same basis..lb. .10¾- .11¾
l.c.l., same basis....lb. .11¼- .11¾
tanks, same basis....lb. .10 - .10½
Crotonaldehyde, 97%, l.c.l., 55 and 110-gal. dms..lb. .19 - —
5 and 10-gal. dms., works.. lb. .18 - —
Cryolite, nat.,[4] bgs., bbls., c.l., works..100 lbs. 2.80 - 2.75
bbls., l.c.l., works....100 lbs.10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .08½- —
l.c.l., works....lb. .08¾- —
Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .22 - —
Cubeb berries, XX, bgs....lb. No stocks
powd., cs....lb. No stocks
Culvers root, bls....lb. .35 - .40
Cumin seed, Cyprus, bgs....lb. No stocks
Indian, bgs., futures....lb. .93½- .94
Morocco, bgs....lb. No stocks
Persian, bgs....lb. .25 - .30
Syrian, bgs., futures....lb. .33 - .33½
Cutch, bgs....lb. No stocks
Cyanamide,[8] fertilizer mixing grades, guaranteed, 20.6% N, gran., bulk, Niagara Falls, Ont., contracts, bulk, unit-ton. 1.62½- —
21% N., pulv., bgs., same basis..unit-ton. 1.82½- —
Cyclohexane, tech., dms., c.l., works..lb. .10½- —
l.c.l., works....lb. .11 - —
tanks, works....lb. .09½- —
Cyclohexanol, 98%-100%, dms., works..lb. .21 - .23
Cyclohexanone, 97½% min., dms., c.l., works..lb. .20 - .22
tech., dms., c.l., works....lb. .20 - —
l.c.l., works....lb. .20½- —
tanks, works....lb. .19 - —
Cyclopropane, USP, cyls., dlvd., gal. .27 - —

D

Damiana leaves, bls....lb. .35 - .40
Dandelion root, bls....lb. .75 - .80
DDT, fiber, dms., c.l., works..lb. .45 - —
ton lots, works....lb. .50 - —
tins, smaller lots, work....lb. .53 - .60
Decanol, normal, tech., dms., dlvd..lb. .25 - —
Deertongue, bls....lb. .94 - .95
Defluorinated phosphate,[1] paper bgs., works..ton.35.75 - —
Degras,[1] common, bbls....lb. .10 - .12
neutral, less 2% ffa, bbls....lb. .28 - .30
over 2% ffa, bbls....lb. .26½- .28½
Derris root (see Cube root).
Dextrin, British gum, bgs., c.l.. Chicago ....100 lbs. 4.98 - —
l.c.l. ....100 lbs. 5.29 - —
Chicago ....100 lbs. 5.68 - —
Corn, canary, bgs., c.l..100 lbs. 5.04 - —
Chicago ....100 lbs. 4.96 - —
l.c.l. ....100 lbs. 5.14 - —
Chicago ....100 lbs. 4.76 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago ....100 lbs. 4.61 - —
l.c.l. ....100 lbs. 5.07 - —
Chicago ....100 lbs. 4.71 - —
Potato, bgs., c.l....lb. .10 - —
l.c.l. ....lb. .10¼- .11¾
Diacetone (see Alcohol, diacetone).
Diacetyl, flavor grades, bots....lb. 5.50 - 5.55
laboratory grade, bots.... 100 grams. 4.50 - —
tech., bots., works....lb. 3.00 - —

it's made dry to work wonders

Sodium Methylate

APPEARANCE
A fine, white, very hygroscopic powder.

PURITY
Contains a minimum of 95% sodium methylate, CH_3ONa, not over 2% of inorganic alkalies (sodium hydroxide and sodium carbonate) and not over 3% of methanol.

STABILITY
Stable when stored in airtight containers.

MELTING POINT
None, decomposes and chars.

APPARENT DENSITY
About 0.4.

SOLUBILITY
Dissolves in approx. twice its weight of methanol.

Mathieson brings you *dry* Sodium Methylate, the useful reagent that speeds the production of life-saving sulfa drugs, folic acid, vitamins, dyes and pigments, perfumes and many other important products.

Formerly the consumer had to prepare this reagent in solution form in his own plant by combining metallic sodium and methanol—a slow and hazardous operation. The resultant dilute methylate solution did not allow the close control necessary for efficient operation and high yields in organic syntheses.

Now you can buy *dry* sodium methylate to supply your entire requirements . . . or you can employ this reagent to build up the concentration of the dilute methylate solutions made in your own plant.

Write our technical staff about this versatile reagent and the part it can play in *your* operational picture. The Mathieson Alkali Works (Inc.), 60 East 42nd Street, New York 17, N. Y.

Sodium Methylate . Soda Ash . Caustic Soda . Bicarbonate of Soda . Liquid Chlorine . Chlorine Dioxide HTH Products . Ammonia, Anhydrous & Aqua . Fused Alkali Products . Dry Ice Synthetic Salt Cake Carbonic Gas . Sodium Chlorite Products

Mathieson CHEMICALS

Dianayl ether (see Amyl ether).			
Phthalate,[6] dms., c.l., divd.	lb.	.2170 -	.2200
l.c.l., divd.	lb.	.2220 -	.2250
tanks, divd.	lb.	.2070 -	.2100
Sulphide, l.c.l., dms., works.	lb.	.25 -	—
Diatomaceous earth, dom., CP, bgs., c.l., Atlantic coast.	lb.	.07 -	—
l.c.l., ex whse.	lb.	.10 -	.16
nat. bgs., c.l., Pacific coast.	ton.	22.00 -	26.00
l.c.l., ex whse.	ton.	45.00 -	—
purified, bgs., c.l., Atlantic coast.	ton.	55.00 -	59.00
l.c.l., ex whse.	ton.	95.00 -	99.00
imported, Algerian, bgs., c.l., Atlantic coast.	ton.	No prices	
Mexican, white, bgs., c.l., Atlantic coast.	lb.	.02 -	.02
l.c.l	lb.	.04 -	.06
Dibutyl, phthalate,[1] 5-gal. cns., works.	lb.	.2250 -	.2900
1-gal. cns., works.	lb.	.2450 -	.3100
dms., c.l., works	lb.	.1700 -	.2350
l.c.l., works	lb.	.1750 -	.2400
tanks, works	lb.	.1600 -	.2250
Sebacate, dms., c.l., works.	lb.	.5000 -	.5370
l.c.l., works	lb.	.5050 -	.5420
tanks, works	lb.	.4900 -	.5270
Tartrate, dms., works, frt. alld.	lb.	.92 -	1.02
Dibutylamine, dms., c.l., works.	lb.	.66 -	—
l.c.l., works	lb.	.69 -	—
Dichlorodiphenyltrichloroethane (see DDT)			
Dichloroethyl ether,[6] purified, dms., c.l., works, frt. equald with Sv. Charleston.	lb.	.16 -	—
l.c.l., same basis	lb.	.17 -	—
tanks, same basis	lb.	.15 -	—
Diethanolamine,[6] dms., c.l., frt. alld. in E.	lb.	.23½ -	—
l.c.l., same basis	lb.	.24½ -	—
tanks, same basis	lb.	.13 -	—
Diethyl carbonate, com'l, dms.	lb.	.25 -	—
refd., 90%, dms.	lb.	.80 -	—
Oxalate, dms., c.l., divd.	lb.	.30½ -	—
l.c.l., divd.	lb.	.31 -	—
Phthalate,[6] dms., c.l., divd.	lb.	.21½ -	—
l.c.l., divd.	lb.	.22 -	—
tanks, divd.	lb.	.20¼ -	—
Sulphate, dms., c.l., works.	lb.	.14 -	—
l.c.l., works	lb.	.15 -	—
tanks, works	lb.	.13 -	—
Diethylamine, dms., c.l., works.	lb.	.44 -	—
l.c.l., works	lb.	.46 -	—
tanks, works	lb.	.40 -	—
Diethylaminoethanol, dms., l.c.l., works, frt. alld. E. of Miss. R.	lb.	.75 -	—
Diethylaniliin, dms.	lb.	.40 -	—
Diethyleneglycol, dms., c.l., frt. alld. in E.	lb.	.14 -	—
l.c.l., same basis	lb.	.15 -	—
tanks, same basis	lb.	.13 -	—
Monobutylether, dms., c.l., works.	lb.	.22 -	—
l.c.l., works	lb.	.23 -	—
tanks, works	lb.	.21 -	—
Monoethylether, dms., c.l., wks.	lb.	.15½ -	—
l.c.l., works	lb.	.16½ -	—
tanks, works	lb.	.14½ -	—
Digitalis leaves, dms.	lb.	1.10 -	1.15
Diglycol laurate, dms.	lb.	.81 -	.82
Oleate, light, bbls., c.l.	lb.	.17 -	—
Stearate, bbls., c.l.	lb.	.22 -	—
Dihydroxydichlorodiphenylmethane, dms., works of N.Y. met.	lb.	.95 -	1.00
smaller containers, same basis	lb.	1.05 -	1.40
Di-isobutyl ketone, dms., works,	lb.	.19 -	—
Dillseed, natural, afloat, bgs.,	lb.	.09 -	.09½
decorticated, bgs.	lb.	.13 -	.13½
dewhiskered, bgs.	lb.	.09¼ -	.09¾
Dimethyl phthalate, dms., c.l., divd.	lb.	.20 -	—
l.c.l., divd.	lb.	.20¼ -	—
tanks, divd.	lb.	.19 -	—
Dimethylamine, dms., c.l., divd.	lb.	.85 -	—
l.c.l., divd	lb.	.90 -	—
Dimethylaniliin, dms., c.l.	lb.	.21 -	—
l.c.l.	lb.	.22 -	—
Dinitrobenzene, bbls.	lb.	.18 -	—
Dinitrochlorobenzene, dms.	lb.	.14 -	—
Dinitronaphthalene, kgs.	lb.	.35 -	.38
Dinitrophenol, bbls.	lb.	.22 -	—
Dinitrotoluene, dms.	lb.	.18 -	—
oily, dms.	lb.	.05 -	—
Diorthotolyiguanidin, dms., ton lots, divd.	lb.	.44 -	—
smaller lots, divd.	lb.	.46 -	.47
Dioxan, dms., c.l., frt. alld.	lb.	.20 -	—
l.c.l., same basis	lb.	.21 -	—
tanks, same basis	lb.	.19 -	—
Dip oil (see Tar acid oil).			
Dipentene,[1] destructive dist., dms., divd. E.	gal.	.55 -	.56
tanks, divd. E.	gal.	.45 -	—
steam-dist., dms., divd. E.	gal.	.56 -	.58
tanks, divd. E.	gal.	.52 -	.53
Diphenyl,[6] bbls., c.l., works.	lb.	.15 -	—
l.c.l., works	lb.	.16 -	.20
Oxide, perfume grade, cns.	lb.	.48 -	.50
dms.	lb.	.43 -	.45
Diphenylamine, bbls.	lb.	.26 -	—
Diphenyiguanidin, dms., tons.	lb.	.85 -	—
smaller lots	lb.	.36 -	.37
Divi-divi,[1,6] 43% tannin, c.l., U.S. ports, ex dock.	ton.	71.00 -	72.60
Doggrass root, dom., cut, bls.	lb.	.30 -	.35
imp., NF, cut, bls.	lb.	.48 -	.50
Dogwood, Jamaica, bark, bls.	lb.	.12 -	.14
Dover's powder, USP, cns.	lb.	No stocks	
Dragon's blood, drops, cs.	lb.	.55 -	.60
reeds, cs.	lb.	No stocks	
Dyes, coaltar (certified colors for foods, drugs and cosmetics), 5-lb. lots—			
Blue, FD&C, No. 1, cns.	lb.	13.00 -	—
Green, FD&C, No. 1, cns.	lb.	13.00 -	—
No. 2, cns.	lb.	17.00 -	—
No. 3, cns.	lb.	27.00 -	—
Orange, FD&C, No. 1, cns.	lb.	2.80 -	—
No. 2, cns.	lb.	3.55 -	—
Red, FD&C, No. 1, cns.	lb.	5.75 -	—
No. 2, cns.	lb.	3.05 -	—
No. 3, cns.	lb.	17.00 -	—
No. 4, cns.	lb.	5.50 -	—
No. 32, cns.	lb.	4.05 -	—
Dyes, coaltar (certified colors for foods, drugs and cosmetics), 5-lb. lots—			
Yellow, FD&C, No. 1, cns.	lb.	8.00 -	—
No. 3, cns.	lb.	2.55 -	—
No. 4, cns.	lb.	2.55 -	—
No. 5, cns.	lb.	3.05 -	—
No. 6, cns.	lb.	3.05 -	—
Dyes, coaltar (certified colors for drugs and cosmetics), 1-lb. lots—			
Black, D&C, No. 1, cns.	lb.	8.85 -	—
Blue, D&C, No. 4, cns.	lb.	12.35 -	—
Brown, D&C, No. 1, cns.	lb.	12.35 -	—
Green, D&C, No. 5, cns.	lb.	12.35 -	—
No. 6, cns.	lb.	12.35 -	—
Orange, D&C, No. 3, cns.	lb.	8.35 -	—
No. 4, cns.	lb.	15.35 -	—
No. 10, cns.	lb.	15.85 -	—
Red, D&C, No. 8, cns.	lb.	2.85 -	—
No. 17, cns.	lb.	8.35 -	—
No. 18, cns.	lb.	15.35 -	—
Yellow, D&C, No. 7, cns.	lb.	8.85 -	—
No. 8, cns.	lb.	8.35 -	—
No. 11, cns.	lb.	10.35 -	—
No. 19, cns.	lb.	15.25 -	—
No. 22, cns.	lb.	8.35 -	—
No. 23, cns.	lb.	13.35 -	—
No. 27, cns.	lb.	12.35 -	—

Dyes, coaltar (certified colors for external use drugs and cosmetics), 1-lb. lots—			
Blue, Ext. D&C, No. 1, cns.	lb.	12.35 -	—
Green, Ext., D&C, No. 1, cns.	lb.	12.35 -	—
Red, Ext. D&C, No. 1 cns.	lb.	10.35 -	—
No. 3, cns.	lb.	21.35 -	—
No. 8, cns.	lb.	7.85 -	—
No. 10, cns.	lb.	12.35 -	—
No. 13, cns.	lb.	13.35 -	—
Yellow, Ext. D&C, No. 1, cns.	lb.	8.35 -	—
Dyes, coaltar, for general uses (numbers are those of Colour Index scale)—			
86 Chrome yellow, 2G.	lb.	.65 -	.70
40 Chrome yellow R.	lb.	.50 -	1.60
53 Victoria violet.	lb.	.80 -	1.00
165 Lake red C.	lb.	.70 -	.80
170 Fast red A.	lb.	.56 -	.60
180 Fast red VR.	lb.	1.50 -	1.60
189 Lake red R, paste.	lb.	.85 -	.90
189 Lake red R, powd.	lb.	3.00 -	3.10
202 Chrome blue black U.	lb.	.35 -	.42
204 Chrome black A.	lb.	.42 -	.45
208 Fast red blue R.	lb.	.75 -	2.00
216 Chrome red B.	lb.	1.75 -	2.00
262 Cloth red 2B.	lb.	.60 -	.80
289 Fast cyanin 5R.	lb.	.90 -	1.00
290 Chrome black F.	lb.	.85 -	.88
304 Paper yellow.	lb.	.83 -	.90
307 Fast cyanin black B.	lb.	.80 -	.85
326 Direct fast scarlet.	lb.	2.00 -	2.25
365 Chyrophenin G.	lb.	.68 -	.70
382 Direct scarlet B.	lb.	1.15 -	1.20
387 Direct violet B.	lb.	1.00 -	1.20
394 Direct violet N.	lb.	.90 -	.95
401 Developed black BHN.	lb.	.45 -	.60
406 Direct blue 2B.	lb.	.66 -	.70
415 Direct orange B.	lb.	.60 -	.70
419 Direct fast red F.	lb.	.70 -	.73
420 Direct brown M.	lb.	.53 -	.57
448 Benzo purpurin 4B.	lb.	.65 -	.68

Dyes, coaltar, for general uses (numbers are those of Colour Index scale)—			
449 Benzo purpurin 10B.	lb.	.40 -	.50
	lb.	.35 -	.50
502 Direct ascrin G.	lb.	.75 -	.80
512 Direct blue RD.	lb.	.90 -	1.00
516 Direct pure blue 6B.	lb.	1.20 -	1.30
520 Direct pure blue.	lb.	.50 -	1.00
529 Direct fast black FF.	lb.	.55 -	1.00
581 Direct black EW.	lb.	.50 -	.54
582 Direct black RX.	lb.	.35 -	.45
593 Direct green B.	lb.	.50 -	.55
594 Direct green G.	lb.	.50 -	.55
596 Direct brown 3GO.	lb.	.85 -	1.00
620 Direct yellow R.	lb.	1.25 -	1.50
698 Acid violet.	lb.	1.00 -	3.00
812 Primulin	lb.	.70 -	.73
814 Direct fast yellow.	lb.	2.00 -	2.25
845 Nigrosin (water soluble).			
1177 Indigo, 20% paste.	lb.	.15 -	.18
Benso fast black L.	lb.	.90 -	1.00
Sulphur black.	lb.	.20 -	.25
Sulphur blue.	lb.	.45 -	1.00
Sulphur brown.	lb.	.25 -	.50
Sulphur maroon.	lb.	.40 -	—
Sulphur tan.	lb.	.30 -	.50
Sulphur olive.	lb.	.25 -	.54
Sulphur yellow.	lb.	.30 -	.50
Zambesi black.	lb.	.75 -	.80
Dyes, coaltar, for stains, oil-soluble (prices E. in barrels of 250 lbs. each; 25 lbs. lots and up, 3c. per lb higher, sellers' works or warehouse).			
Black—			
605 Nigrosin derivatives.	lb.	.36 -	.44
Blue—			
7075 Alizarin astral base.	lb.	15.00 -	—
1076 Alizarin cyanin, green base.	lb.	6.00 -	—
Brown—			
Brown	lb.	1.15 -	—
Green—			
1078 Alizarin cyanin green.	lb.	5.00 -	—
Green	lb.	.75 -	—

Dyes, coaltar, for stains, oil-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works			
Orange—			
24 Sudan I.	lb.	.75 -	—
Red shade.	lb.	.75 -	—
Red—			
78 Sudan II.	lb.	1.05 -	—
258 Sudan IV.	lb.	.85 -	—
690 Oil violet.	lb.	.50 -	—
749 Rhodamine B (oil pink).	lb.	2.50 -	—
1063 Anthraquinone violet base.	lb.	6.00 -	—
or warehouse).			
Yellow—			
15 Amidoazobenzene yellow.	lb.	.90 -	—
17 Amidoazotoluene yellow,	lb.	.75 -	—
61 Yellow OB.	lb.	1.40 -	2.00
Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).			
Black—			
246 Naphthol blue black S.	lb.	.80 -	—
729 Victoria blue B.	lb.	1.65 -	—
861 Indulin	lb.	.87 -	—
873 Methylene gray.	lb.	1.60 -	—
909 New blue P.	lb.	1.20 -	—
922 Methylene blue.	lb.	1.00 -	—
1064 Alizarin saphirol B.	lb.	1.90 -	—
1180 Indigotin IA.	lb.	.85 -	—
Blue—			
714 Patent blue A.	lb.	1.05 -	1.10
Brown—			
231 Bismarck brown G.	lb.	.47 -	.68
234 Resorcin brown Y.	lb.	.65 -	—
235 Resorcin dark brown R.	lb.	.66 -	—
632 Bismarck brown R.	lb.	.47 -	.65
793 Phosphin	lb.	4.05 -	—

DU PONT

Announces

HEXACHLOROCYCLOHEXANE

Another Forward Development in Insecticides

HEXACHLOROCYCLOHEXANE is a new and outstanding insecticide. In the annual Hurter Memorial Lecture, delivered on March 8, 1945, by Dr. R. E. Slade, Research Controller of Imperial Chemical Industries, he stated, "There has now come to light what promises to be one of science's important contributions to the welfare of man." Dr. Slade referred to Hexachlorocyclohexane which was developed as an insecticide by Imperial Chemical Industries under the following additional names: benzene hexachloride, 666, and Gammexane.

Du Pont has confirmed the British records of efficiency of this remarkable insecticide in its own laboratories, and is privileged to announce it will have Hexachlorocyclohexane available this season in moderate quantities for experimental use. Inquiries from research institutions and qualified investigators are invited, and on request a copy of Dr. Slade's lecture will be mailed as soon as it is available for distribution. Grasselli Chemicals Department, E. I. du Pont de Nemours & Company, (Inc.), Wilmington 98, Delaware.

DU PONT

REG. U. S. PAT. OFF.

BETTER THINGS FOR BETTER LIVING

...THROUGH CHEMISTRY

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; 25-lb. lots and up, 5c. per lb. higher, sellers' works or warehouse).

Green—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
663 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
707 Wool green S.....lb. .56 - —
924 Methylene green B....lb. 1.85 - —
1078 Alizarin cyanin green..lb. 2.00 - —

Orange—
10 Chrysodin G.....lb. .44 - —
21 Chrysodin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
91 Amidonaphthol red G.lb. .42 - —
97 Amidonaphthol red 6B, lb. .68 - —
151 Orange Y.....lb. .81 - .83
161 Orange R.....lb. .94 - —

Red—
79 Ponceau R.....lb. .42 - —
89 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .84 - —
179 Azorubin.....lb. .69 - —
188 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M..lb. .68 - —
677 Fuchsin.....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
766 Eosin G.....lb. 1.50 - —
941 Safranin.....lb. 1.45 - —

Violet—
660 Methyl violet B.....lb. .70 - .75
661 Crystal violet B.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —

Yellow—
10 Naphthol yellow S....lb. .86 - —
128 Metanil yellow.....lb. .56 - .58
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin.....lb. .90 - —
656 Auramine.....lb. 1.27 - —

Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; 25 lbs. lots and up, 5c. per lb. higher, sellers' works or warehouse).

Black—
864 Nigrosin.....lb. .56 - .44

Blue—
869 Indulin.....lb. .60 - .70

Brown—
331 Bismarck brown.....lb. 1.50 - —

Green—
637 Malachite green base.lb. 2.00 - —

Orange—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .96 - —

Red—
677 Fuchsin, magenta, base. lb. 7.25 - —
749 Rhodamine R.....lb. 4.75 - —

Yellow—
67 Amidoazotoluene yellow. lb. .75 - —
655 Auramine.....lb. 2.00 - —
800 Chinolin yellow SS..lb. 2.00 - —

Violet—
680 Methyl violet base...lb. .85 - —

Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .70 - .75
Egg,[1,7] albumen (see Albumen).
Yolk,[1,7] dried, dom., bbls....lb. 1.04 - 1.10
imported.....lb. No stocks
Elder flowers, bright, bls.....lb. .75 - .85
Elecampane root, bls.....lb. .50 - .55
Elm bark, grinding, bls.....lb. .35 - .36
powd., bbls., bxs.....lb. .58 - .56
select, bndls.....lb. .55 - .56
Emetine hydrochloride, bots..oz.53.50 -56.50
Ephedra, bls.....lb. .28 - .30
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride, tins.....oz. .95 - 1.45
Sulphate, tins.....oz. .95 - 1.45
Synthetic, USP, anhydrous, bots..100 ozs. .65 - —
hydrous, bots, 100 oz...oz. .65 - —
Hydrochloride, tin, 100 ozs.oz. .50 - —
Sulphate, cryst., tins, 100 ozs. oz. .48 - —
Epinephrine, synth., USP, bots. gram. .75 - —
Epsom salt, tech., cryst., bgs., c.l..100 lbs. 1.80 - 1.95
l.c.l. .....100 lbs. 2.15 - 2.40
dried, bgs.....lb. .03½- —
l.c.l., bgs.....lb. .04 - .07
USP, cryst., bgs., c.l..100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
bgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —

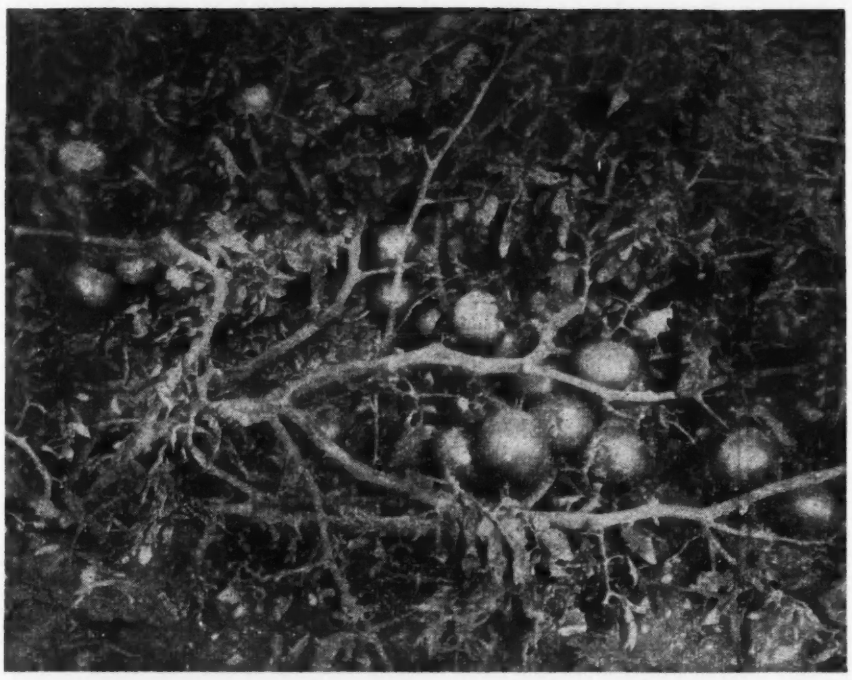
Epsom salt prices freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland Houston, New Orleans, New York.

Ergot, USP, cns.....lb. 1.65 - 1.70
Eserine, bots.....oz. No prices
Sulphate, 1-gram, vials....vial. 2.10 - —
Ether, acetic (see Ethyl acetate).
Amyl (see Amyl ether).
Butyl, l.c.l., dms., dlvd.....lb. .30 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs. lb. .96 - 1.10
Sulphuric, conc., dms.....lb. .11 - .16
USP anesthesia, hospitals, 1-lb. cns..lb. .60 - .61
Synthetic, dms., c.l., frt. alld. lb. .11 - —
l.c.l., same basis.....lb. .12 - —
tanks, same basis.....lb. .09 - —
Ethyl acetate, 85-90%, dms., c.l. frt. alld..lb. .09½- .12¾
l.c.l., frt. alld.....lb. .10 - .13¼
tanks, frt. alld.....lb. .08½- .11⅝
95-98%, dms., c.l., frt. alld.lb. .09¾- .12
l.c.l., frt. alld.....lb. .10¼- .13½
tanks, frt. alld.....lb. .08¾- .12
NF, dms.....lb. .14¼- .15¼
Acetoacetate, dms., c.l., works. lb. .37¼- —
l.c.l., frt. alld.....lb. .38 - —
Benzoate, bots.....lb. .50 - .52
Bromide, tech., dms.....lb. .50 - .55
Carbamate, dms., dlvd., E...lb. .58 - —
Chloride, tech, dms.....lb. .18 - .20
USP, bbls., cyl.....lb. .20 - .22
Cinnamate, cns.....lb. 2.65 - 3.00
Formate, dms., Agnue, Calif., lb. .28 - .32
Iodide, bots.....lb. 3.50 - 3.60
Lactate, dms., works.....lb. .33¼- .39¼
Myristate, dms., works.....lb. .55 - —
Oenanthate, dms.....lb. 1.10 - 1.15
Oleate, dms., l.c.l., works...lb. .47 - —
Oxalate, dms., frt. alld.....lb. .33 - —
Silicate, dms., l.c.l., works..lb. .77 - —
Ethylcellulose, pkgs., 5,000 lbs. or more, works..lb. .50 - —
smaller lots, works.....lb. .52 - .60
Ethyldiethanolamine, dms., l.c.l., works..lb. .90 - —
Ethylene dichloride, dms., c.l., works, frt. alld. E. of Rockies, frt. alld..lb. .0642- ...
West of Rockies..lb. .0691- —
l.c.l., works, frt. alld. E. of Rockies..lb. .0691- —
West of Rockies..lb. .0941- —
tanks, frt. alld. E. of Rockies, lb. .0743- —
West of Rockies..lb. .0792- —
Trichloride (see Trichlorethane).
Ethyleneglycol, dms., c.l., frt. alld. in E..lb. .10 - —
l.c.l., same basis.....lb. .11 - —
tanks, same basis.....lb. .09 - —
Monobutylether, dms., c.l., wks. lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, works.....lb. .16½- —
Monoethylether, dms., c.l., wks. lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Monoethylether acetate, dms., c.l., works..lb. .13½- —
l.c.l., works.....lb. .14½- —
tanks, works.....lb. .12½- —
Monomethylether, dms., c.l., wks. lb. .16½- —
l.c.l., works.....lb. .17½- —
tanks, works.....lb. .15½- —
Ethylethanolamine, dms., c.l., works..lb. .57 - —
l.c.l., works.....lb. .60 - —
Ethylmonoethanolamine, l.c.l., dms., works..lb. .80 - —
Ethylmorphine, hydrochloride bots..oz.10.50 -10.77
Ethylvanillin,[1] cns., 5 lbs. or more..lb. 5.25 - —
smaller lots.....lb. 5.50 - 5.60
Eucalyptol, cns., dms.....lb. 2.85 - 3.25
Eucalyptus leaves, bls.....lb. .14 - .15
Eugenol, cns., dms.....lb. 2.65 - 3.25
Euphorbia, bls.....lb. .13 - .14

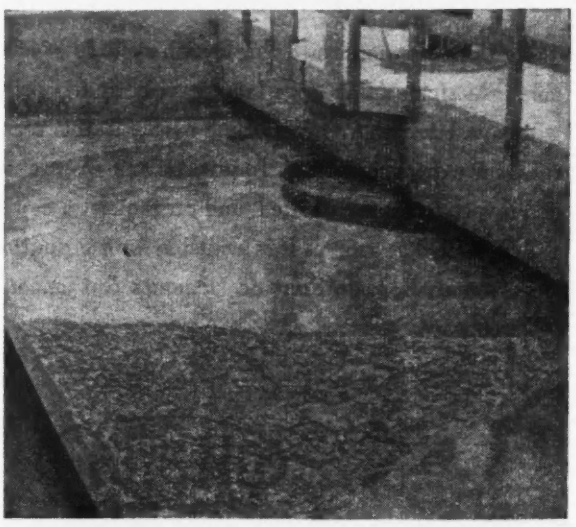
F

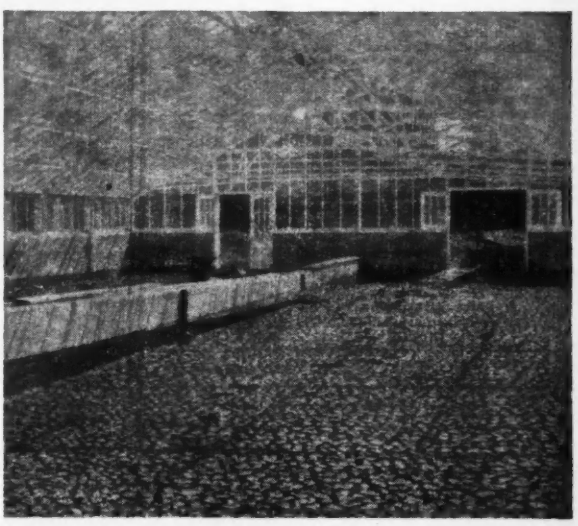
Feldspar,[1] enamel, 100 mesh, ton.17.00 -20.50
bulk, c.l.....ton.14.00 -17.50
glass, 20 mesh, bgs., works, min. 2 tons..ton.12.75 -16.25
bulk, c.l.....ton. 9.75 -12.25
pottery, bgs., l.c.l., works, min. 2 tons..ton.20.00 -22.00
bulk, c.l., works.....ton.17.00 -19.00
Fennel seed, Argentine, bgs., futures..lb. .21 - .22
Indian, bgs.....lb. .16½ Nom.
Fenugreek, domestic, bgs.....lb. No stocks
Indian, bgs., futures.....lb. .10 - .10½
Morocco, bgs.....lb. .10½- .11
Ferric sulphate (see Iron sulphate, ferric).
Film scrap, colored, cs., works.lb. .13½- .15
water-white, cs., works.....lb. .14½- .17
Fir balsam, Canada, cns....gal.19.00 -19.50
Oregon, bbls.....gal. 2.35 - 2.40
Fishberries, bgs.....lb. .24 - .25
Fishliver oils (see Oil, fishliver).
Fishmeal,[1,7] grd., 60% protein, bgs., E. works..ton.72.50 - —
65% protein, bgs., E. works, ton.78.50 - —
Fishscrap,[7] dried, 60% protein, bulk, East coast..ton.66.00 - —
Flake white, bbls.....lb. .09 - —
kegs.....lb. .11 - —
Fleasseed, black, bgs.....lb. .60 - .62
Blonde, bgs.....lb. .19 - .20
Fluorspar,[1] No. 1, ground, 85-98% CaF_2, bulk, c.l., mines, net ton.37.00 - —
washed, gravel, 70% or more CaF_2, c.l., bulk, mines, ton.32.00 - —
65%, c.l., bulk, mines....ton.32.00 - —
60%, c.l., bulk, mines....ton.31.00 - —
less than 60%, c.l., bulk, mines..ton.30.00 - —
Formaldehyde,[1] bbls., c.l., works, lb. .0520- —
l.c.l., works.....lb. .0570- —
dms., extra, c.l., works.....lb. .0460- —
l.c.l., works.....lb. .0510- —
tanks, works.....lb. .0320- —
tanktrucks, dlvd. N.Y.C....lb. .0345- —
Fringetree bark, bls.....lb. .55 - .58
Fuller's earth,[1] dom., powd., bgs., c.l., Fla., Ga. mines.. ton. 8.50 -15.00
Tex. mines.....ton.12.50 - —
spent, bulk, Bayonne...ton. 3.00 - —
Chicago.....ton. 4.00 - —
imps. bgs., c.l.....ton.30.00 -40.00
Furfural, ref., dms., c.l., works, lb. .15½- —
cns., dms., l.c.l., works....lb. .18½- .23¼
tech., dms., c.l., works.....lb. .13 - —
l.c.l., cns., dms.....lb. .15½- .23¼
tanks, works.....lb. .09½- —
Fusel oil, crude, dms., works.gal. .75 - —
refd., dms., dlvd.....lb. .18½- .19½

LIFE...ON THE



(*Left*) **DEFOLIATION OF TOMATO PLANTS** continues to solve many problems for the tomato grower and canner. Throughout the northern United States and in areas on the west coast, it is quite common for growers to lose a large percentage of the fruit already produced on the plants because it does not ripen before frost. With declining temperatures and decreasing hours of intense sunlight in early fall days, the fruit on plants with heavy foliage does not take on, rapidly enough, the full red-ripe color so necessary for high quality. If left in the field long enough for this color to develop, the fruit is often lost through frost. It has been found, however, that defoliation of the tomato plants with Cyanamid's AERO DEFOLIANT** exposes the fruit to direct sunlight for full, red ripening and easy picking. Yields in late pickings have been increased as much as forty per cent, and increased speed of picking often means the difference between getting a crop picked or leaving it in the field. Cyanamid's AERO DEFOLIANT has also proved highly successful for the chemical defoliation of cotton and soybean plants.





(*Above*) **IN SEWAGE TREATMENT,** Cyanamid's Sulphate of Alumina has been found to be an economical coagulant of established effectiveness. In the settling process (left), Sulphate of Alumina coagulates over a wide pH range to form a high adsorptive floc which settles readily, yielding a sparkling effluent, low in B.O.D. and suspended solids. When used for sludge conditioning (right), it promotes rapid drying of the sludge on the sand beds. This eliminates ponding and inhibits odors. Rapid drying greatly increases the capacity of sludge beds and reduced volume of cake lessens cost of removal. Cyanamid's quality Sulphate of Alumina has many other properties of benefit to operators of sewage treatment plants. It is clean and easy to handle. Additional advantages are that it is free flowing, remains so, and does not clog the dry feed machine nor corrode feeding equipment.

Fustic extract, cryst., No. 1, bbls., l.c.l. lb. .25 - —
No. 1A, bbls., l.c.l. lb. .24 - —
No. 2, bbls., l.c.l. lb. .23 - —
No. 3, bbls., l.c.l. lb. .21 - —
liquid, No. 0, bbls., l.c.l. lb. .19 - —
No. 1, bbls., l.c.l. lb. .17½ - —
No. 2, bbls., l.c.l. lb. .16½ - —
No. 3, bbls., l.c.l. lb. .14 - —
solid, No. 1, bxs., l.c.l. lb. .20¾ - —

G

G salt, bbls. lb. .45 - —
Galangal root, bls. lb. .34 - .38
Gambier, cube, Singapore, cs., lb. No stocks
Extract, bbls. lb. No stocks
Gammapicoline, 99%, dms., c.l., works. lb. 1.35 - —
Gasoline,[1] at refinery, ex tax, Arkansas, 73-75 octane, tanks, gal. .05¾ - —
Bayonne, 74 octane, tanks, gal. .0650 - —
Gulf Coast, 73-75 octane, tanks, gal. .0570 - .0625
Group 3, 73-75 octane, tanks, gal. .04¾ - .05¼
Pennsylvania, western, US motor, 74 octane, leaded, tanks, gal. .06¾ - .07¼
natural, 26/70 octane, Group 3, tanks, gal. .02¾ - —
Gelatin, silver label, ctns., dlvd. lb. .90 - .97
export, cs. lb. 1.00 - —
Silver label prices 5c. higher for deliveries in Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash. and Wyo
Geranium root, bls. lb. .42 - .45
Gentian root, bls. lb. .30 - .32
grd., bbls., bxs. lb. .34 - .35
powd., bbls., bxs. lb. .35 - .36
Geraniol, 92-96%, cns., dms. lb. No price
Geranyl acetate, cns. lb. No price
Ginger,[1] African, No. 1, bls. lb. .15 - .15½
Calicut, Romeo-type, bgs. lb. .16½ - .17
Cochin, bleached, bgs. lb. .13 - .16½
unbleached, bgs. lb. .15½ - .16
Jamaica, No. 1, bgs. lb. .22 - .22½
No. 2, bgs. lb. .19½ - .19
No. 3, bgs. lb. .15 - .15½
Rhattoon, bgs. lb. .15½ - .16
Glauber's salt, anhyd. (see Soda sulphate).
cryst., bgs., bbls., works. 100 lbs. 1.00 - 1.45
Glue, bone, calcium type, 24 millipoise, 36 jellygrams, bgs., c.l., East of Midwest. lb. .16 - .22
20/36, bgs., c.l., same basis. lb. .15½ - .22½
58/82, bgs., c.l., same basis. lb. .17 - .24
82/108, bgs., c.l., same basis, lb. .18½ - .25½
Bone glue, l.c.l. prices 1c. higher than c.l.
Hide,[2] 100-121 (jelly test in grams), bgs., c.l., dlvd. lb. .14 - .21½
122-149, bgs., c.l., dlvd. lb. .15 - .22½
150-177, bgs., c.l., dlvd. lb. .16 - .23½
178-206, bgs., c.l., dlvd. lb. .17 - .24½
207-236, bgs., c.l., dlvd. lb. .18 - .25½
237-266, bgs., c.l., dlvd. lb. .19 - .26½
267-298, bgs., c.l., dlvd. lb. .20 - .27½
299-330, bgs., c.l., dlvd. lb. .21 - .28½
331-362, bgs., c.l., dlvd. lb. .22 - .29½
363-394, bgs., c.l., dlvd. lb. .23 - .30½
Glue, hide, 395-427, bgs., c.l., dlvd. lb. .24 - .31½
428-460, bgs., c.l., dlvd. lb. .25 - .32½
461-494, bgs., c.l., dlvd. lb. .26 - .33½
495-529, bgs., c.l., dlvd. lb. .27 - .34½
Hide glue l.c.l. prices 1c. higher than c.l.; bbls., ½c. over bgs.
Glycerin, crude, saponification, 88%, to refiners, tanks. lb. .12¾ - —
soaplye, 80%, tanks. lb. .11¼ - —
dynamite, dms., c.l. lb. .17½ - 18¼
l.c.l. lb. .18 - .19¾
tanks lb. .17¼ - .18
high gravity, dms., c.l. lb. .17½ - .18¼
l.c.l. lb. .18 - .19¾
tanks lb. .17¼ - .18
refined, B.P., 99%, dms., c.l. lb. .18¾ - —
tanks lb. .18¼ - —
USP, 99%, dms., c.l. lb. .18¾ - —
l.c.l. lb. .19¾ - —
tanks lb. .19 - —
yellow, distilled, dms., c.l. lb. .17¾ - —
tanks lb. .17¾ - —
Glycine, USP, bbls., tins. lb. 1.25 - 1.30
Glycol boriborate, dms. lb. .22 - —
Stearate, dms. lb. .28 - —
Gold chloride, acid-brown, bots. oz. 20.75 -21.00
acid-yellow, bots. oz. 18.75 -19.00
Gold-soda chloride, photo., bots. oz. 18.00 - —
USP IX, bots. oz. 14.50 -14.75
Goldenseal root, bls. lb. 8.75 - 9.00
powd., bxs. lb. 9.25 - 9.50
Gold of pleasure seed, bgs. lb. No stocks
Grains of paradise, bgs. lb. .30 - .37
Graphite,[1] dom., crystalline, 80% through 80 mesh, graphitic carbon content 65-70%, bgs., whse. lb. .04½ - —
70-75%, bgs., same basis. lb. .05 - —
75-80%, bgs., same basis, lb. .05½ - —
80-85%, bgs., same basis. lb. .06 - —
85-90%, bgs., same basis. lb. .07 - —
90% and up, same basis lb. .08 - —
Grease, house,[1,2] loose. lb. .05½ - —
White, choice, loose. lb. .08½ - —
Wool (see Adeps lanae and Degras).
Green, brilliant,[1] thioflavin toner, molybdic, bgs., works. lb. 2.25 - —
tungstic, bgs., works. lb. 2.75 - —
Chrome,[1] CP, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .28 - —
15% bbls., same basis. lb. .26 - —
20%, bbls., same basis. lb. .25½ - —
21-25%, bbls., same basis. lb. .26 - —
26-30%, bbls., same basis. lb. .26½ - —
31-35%, bbls., same basis. lb. .27½ - —
36-40%, bbls., same basis. lb. .29 - —
41-45%, bbls., same basis. lb. .30½ - —
46-50%, bbls., same basis. lb. .33 - —
reduced color, 5%, bbls., same basis. lb. .09½ - —
9-10%, bbls., same basis. lb. .07½ - —
11-13%, bbls., same basis. lb. .08 - —
14-16%, bbls., same basis. lb. .08¼ - —
17-19%, bbls., same basis. lb. .08½ - —
20-21%, bbls., same basis. lb. .08¾ - —
22-23%, bbls., same basis. lb. .09 - —
24-26%, bbls., same basis. lb. .09¼ - —
26-27%, bbls., same basis. lb. .09½ - —
28-29%, bbls., same basis. lb. .10 - —
30-31%, bbls., same basis. lb. .10½ - —
32-33%, bbls., same basis. lb. .11 - —
34-35%, bbls., same basis. lb. .11 - —
36-40%, bbls., same basis. lb. .14 - —
41-45%, bbls., same basis. lb. .17 - —
46-50%, bbls., same basis. lb. .17½ - —
51-55%, bbls., same basis. lb. .18 - —
56-60%, bbls., same basis. lb. .18½ - —
61-65%, bbls., same basis. lb. .19 - —
70%, bbls., same basis. lb. .20 - —
71-75%, bbls., same basis. lb. .21 - —
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.
Green, chrome oxide, pure, dms., wks. lb. .24 - —
Malachite, thioflavin toner, molybdic, bbls., works. lb. 2.60 - —
tungstic, bbls., works. lb. 2.50 - —
Phthalocyanin,[1] tetrahydroxide (hydrated chromium oxide, bbls., works. lb. .85 - —
toner, bbls., works. lb. 4.00 - 5.00
Paris (see P).
Tungstated, brilliant, bgs. lb. 3.00 - —
emerald, bgs. lb. 2.60 - —
Verdigris (see V).
Green dyes (see Dyes, coaltar).
Grindelia robusta, bls. lb. .21 - .23
Guaiac, resin, cs. lb. .32 - .34
Wood, bls. lb. .35 - .36
Guaiacol cryst., N.F., tins. lb. 1.60 - 1.65
Liquid, N.F., bots., cbys. lb. 1.69 - 1.84
Carbonate, dms. lb. 2.40 - 2.45
Guanidin carbonate,[1] bbls., c.l., works. lb. .87 - —
l.c.l., works. lb. .56 - .73½
Guarana, powd., cs. lb. 2.00 - 2.10
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs. lb. .80 - .95
Arabic, amber, sorts, bgs. lb. .14½ - .14¾
white, sorts, 1, bgs. lb. .28 - .29
Asafetida (see A).
Asphaltum (see A).
Benzoin, artificial, cns. lb. 1.75 - 2.55
Camphor (see C).
Copal, Congo (former dollar-and-cent ceilings revoked Feb. 2. New ceiling prices are to be based on prices to be paid by importers in the Belgian Congo plus landed costs, as determined by a formula under import regulation).
East India,[1] Batu, bold, scraped, c.l., same basis. lb. .10½ - —
unscraped, same basis. lb. .09 - —
chips, same basis. lb. .12 - —
dust, same basis. lb. .06½ - —
nubs and chips, same basis. lb. .05¾ - —
pale, Hiro-Macassar,[1] bold, bgs., c.l., same basis. lb. .17¾ - —
chips, same basis. lb. .11½ - —
dust, same basis. lb. .06½ - —
nubs, same basis. lb. .15¾ - —
Singapore, Rank, bold, bgs., same basis. lb. .22¾ - —
chips, same basis. lb. .11¾ - —
dust, same basis. lb. .05½ - —
nubs, same basis. lb. .15¾ - —
Macassar,[1] dust, bgs., c.l., same basis. lb. .07¾ - —
MA, same basis. lb. .09¾ - —
MB, same basis. lb. .09¼ - —
WB, bgs., same basis. lb. .11¾ - —
Manila, Boeas,[1] hard, bold, amber, light, bakta., c.l., same basis. lb. .13½ - —
dark, light, same basis. lb. .14¾ - —
white, same basis. lb. .15¾ - —
Loba,[1] A, bgs., c.l., same basis. lb. .14 - —
B, same basis. lb. .15¾ - —
C, same basis. lb. .13¾ - —
CWR, same basis. lb. .12 - —
ONE, same basis. lb. .12 - —
D, same basis. lb. .12¾ - —
DBB, same basis. lb. .11 - —
DK, same basis. lb. .09¼ - —
DU, same basis. lb. .09¾ - —
dust, same basis. lb. .07¾ - —
WB, same basis. lb. .09¼ - —
WB, same basis. lb. .11¾ - —
white split chips, bgs., c.l., same basis. lb. .15¼ - —
dust, same basis. lb. .07¾ - —
whse., entry point, c.l. lb. .09¾ - —
Manila-Singapore,[1] white split chips, bgs., c.l., same basis. lb. .16¾ - —
extra bold, sorts, bgs., c.l., same basis. lb. .12¾ - —
pale chips, bold, same basis. lb. .13 - —
nubs, WCR, same basis. lb. .13¾ - —
seeds dust same basis. lb. .09¾ - —
SG, same basis. lb. .10¼ - —
small chips, same basis. lb. .11¾ - —
c.l., same basis. lb. .35¾ - —

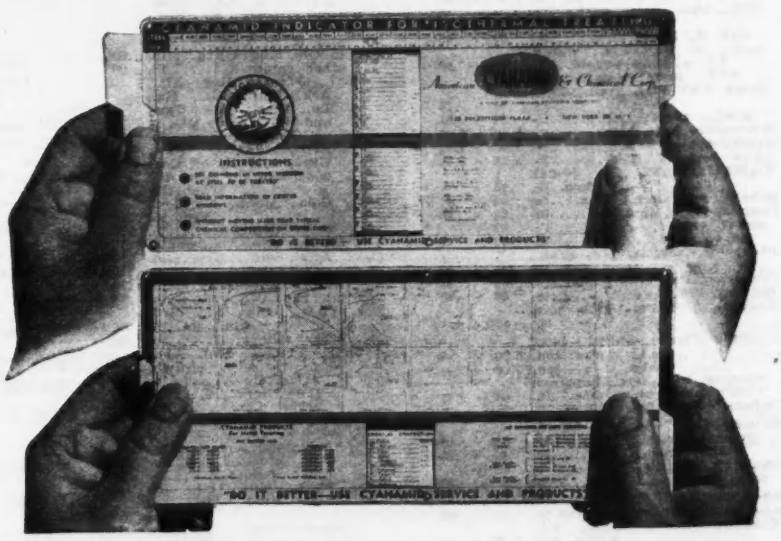
CHEMICAL NEWSFRONT

(Left) **THIS REMINGTON ELECTRIC RAZOR HOUSING** is made of a new BEETLE* plastic molding compound, especially developed by the Plastics Division of Cyanamid for product housings. The material has two important advantages over other plastic housing molding compounds . . . improved dimensional stability and reduced aging shrinkage. The increased dimensional stability provides a safeguard against stresses which may affect internal moving parts of electrical mechanisms such as those in the tiny motor of a razor.

BEETLE housings are handsome, as well as practical. They have all the basic requirements needed for powerful sales appeal, customer satisfaction, product efficiency, and economical production. The new BEETLE plastic imparts lasting usefulness, color, and beauty to housings. Its hard surface can stand repeated handling without showing wear or abrasion. It is smooth and lustrous, pleasant to the touch. Complete information on BEETLE plastics for other uses such as for buttons, clock cases and radio cabinets, jewelry boxes, cosmetic containers and closures, tableware, lighting reflectors and fixtures, and instrument parts, is available from the Plastics Division.

(Right) **A TIMELY AID FOR THE HEAT TREATER!** A pocket "slide rule" calculator has been prepared by Cyanamid for the ready determination of S or TTT Curves for thirty-five widely used steels. (Photograph one-third actual size.) This convenient indicator for isothermal heat treating is the first of its kind ever to be published. It is designed to save hours of time for anyone engaged in the heat treating of metal. The thirty-five steels included cover the principal formulations most commonly used in the metal working industry.

The calculator is available free upon request. Also, a copy of a comprehensive, up-to-date technical bulletin supplying bibliography on isothermal heat treating and index of S and TTT Curves for 187 different steels will be sent on request. It covers the uses of Cyanamid's complete range of salt bath products for case hardening, liquid carburizing, annealing, hardening, and quenching.



*Reg. U. S. Pat. Off. **Trade-mark

American Cyanamid & Chemical Corporation
A Unit of American Cyanamid Company
30 ROCKEFELLER PLAZA . NEW YORK 20, N. Y.

Gum, copal, Pontianak, bld., scraped, bgs., mixed, same basis..lb. .17½- —
chips, small, same basis..lb. .12½- —
cuttings of split, same basis, lb. .19½- —
nubs, same basis.....lb. .18 - —
Gum copal, l.c.l., prices ½c. to ½c. higher.
Dammar,[1] Batavia, A, cns., c.l., same basis..lb. .85½- —
A/C, same basis.....lb. .81½- —
A/D, same basis.....lb. .78½- —
A/E, same basis.....lb. .75½- —
B, same basis.....lb. .84½- —
C, same basis.....lb. .83½- —
D, same basis.....lb. .83½- —
E, same basis.....lb. .19½- —
F, same basis.....lb. .13½- —
dust, same basis.....lb. .15½- —
Singapore,[1] No. 1, c.s., c.l., lb. .30½- —
2, bgs., same basis.....lb. .25 - —
3, bgs., same basis.....lb. .19½- —
chips, cs., same basis...lb. .23½- —
dust, bgs., same basis...lb. .13 - —
seeds, cs., same basis....lb. .17½- —
Gum, dammar, l.c.l., prices ½c. to ½c. higher.
Elemi,[1] cns., c.l., ex dock or whse. entry port..lb. .09½- .09¾
Ester,[1] gum-rosin type, dms., c.l., divd., Ill., Ind., Ky., Mich., Mid-Atl. States, N. England States, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va..lb. .1360- —
l.c.l., divd., Ill., etc.....lb. .1325- —
other points, same basis, lb. .1460- —
wood-resin type (formerly designated as "ordinary"), dms., c.l., divd. Ill., Ind., etc..lb. .1050- .1075
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.00 - 1.06
Gamboge, pipes, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Ghatti, bgs.....lb. No stocks
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .21 - .50
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse..lb. .13 - —
dust, same basis.....lb. .13½- —
nubs, same basis.....lb. .24 - —
No. 1, extra, same basis...lb. .24 - —
superior, same basis....lb. .21 - —
No. 2, extra, same basis...lb. .20 - —
superior, same basis....lb. .17½- —
No. 3, same basis.....lb. .23 - —
x, same basis.....lb. .26 - —
2x, same basis.....lb. .49 - —
3x, same basis.....lb. .77 - —
bush, assorted, same basis.lb. .35 - —
bold, same basis.....lb. .49 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .22 - —
dark, same basis.....lb. .18 - —
white, chips, pale, same basis..lb. .20½- —
dust, pale, same basis...lb. .20½- —
extra, same basis...lb. .25½- —
No. 1, same basis.....lb. .45 - —
No. 2, same basis.....lb. .51 - —
No. 3, same basis.....lb. .90 - —
Superior, No. 1, same basis, lb. .41 - —
No. 2, same basis.....lb. .51 - —
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .05½- —
4x, same basis.....lb. .02 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ½c. to ½c. higher.
Locust bean, powd., bbls.....lb. .50 - .60
Mastic, cs.....lb. 3.50 Nom.
Myrrh, cs.....lb. .48 - .50
Olibanum, siftings, cs.....lb. .12 - .13
tears, cs.....lb. .21 - .35
Opium (see O).
Red (see Gum, yacca).
Rosin (see R).
Sandarac,[1] casks.....lb. .97½- .98½
Scammony, cs.....lb. 1.80 - 1.85
Talba, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 2.75 - 2.80
No. 2, cs.....lb. 2.70 - 2.75
No. 3, cs.....lb. 2.10 - 2.15
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .05 - —
sawdered .....lb. .07½- —
Gypsum, Keene's cement, paper bgs., c.l., Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald..ton.20.65 - —
Medicine Lodge, Kan., frt. equald..ton.17.60 - —
New Brighton, N.Y., frt. equald..ton.20.65 - —
Southard, Okla., frt. equald..ton.17.60 - —
Sweetwater, Tex., frt. equald..ton.21.45 - —
Plaster of Paris, paper bgs., c.s., Acme, Texas, frt. equald. ton.12.50 - —
Blue Rapids, Kan., frt. equald..ton.10.50 - —
Harlem River, N. Y., frt. equald..ton.12.00 - —
Medicine Lodge, Kan., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.12.00 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., Acme, Texas; Akron, N. Y.; Blue Rapids, Kan.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich., Gypsum, Ohio; Harlem River, N.Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Tex.; Southard ,Okla.; Sweetwater, Tex.; frt. equald..ton. 8.00 - —
Saltville, Va., frt. equald, ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem river, N. Y., works..ton.15.00 - —
New Brighton, N. Y.: same basis..ton.14.40 - —

H

Hawthorn berries, bgs.....lb. .67 - .69
Heliotropin, cryst., cns.....lb. 2.75 - 4.00
Hellebore, white, powd., bbls..lb. .44 - .47
Helenias root, bls.....lb. 2.90 - 2.75
Hematine extract, cryst., No. 6, bbls., l.c.l..lb. .41 - —
No. 1, bbls., l.c.l.....lb. .49 - —
No. 1A, bbls., l.c.l.....lb. .97 - —
No. 2, bbls., l.c.l.....lb. .88 - —
No. 3, bbls., l.c.l.....lb. .94 - —
No. 4, bbls., l.c.l.....lb. .89 - —
No. 6, bbls., l.c.l.....lb. .80 - —
Hematine paste, No. 1, bbls., l.c.l..lb. .17½- —
No. 2, bbls., l.c.l.....lb. .16½- —
No. 3, bbls., l.c.l.....lb. .15½- —
red, No. 4, bbls., l.c.l.....lb. .14½- —
Hemlock bark extract,[1,9] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. 1.00 - 1.35
Henna leaves, bls.....lb. .25 - .26
powd., bbls., bxs.....lb. .26 - .31
Heptane,[1] industrial grade, 60°-100° C., dms., c.l., Group 3, gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- —
77°-115° C., dms., c.l., Group 3, gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .20 - .25
Hexachlorocyclohexane, dms., c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .09 - —
Hexalin (see Cyclohexanone).
Hexamethylenetetramine,[1] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .24 - —
smaller lots, same basis..lb. .26 - —
USP, dms., 500 lbs. or more, same basis..lb. .35 - —
smaller lots, same basis..lb. .36 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3, gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- .11
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .20 - .25
Hexanol, normal, dms., l.c.l., works..lb. .25 - —
Homatropine hydrobromide, bots. oz.15.00 -25.00
Hoofmeal, 17-18% ammonia, bulk, c.l., Chicago..... unit-ton. 5.00 - 5.50
Hops, NF, bls.....lb. .55 - 1.50
Horehound, bls.....lb. .10½- .12
Hydrangea root, bls.....lb. No prices
Hydrastine, alkaloid, bots....oz.20.00 -25.00
Hydrochloride, bots.....oz.20.00 -22.00
Sulphate, bots.....oz.20.00 -22.00
Hydrastinine, 10-gr. bots....bot. 1.95 - —
Hydrastis (see Goldenseal).
Hydrofuramide, dms., fib. cns., works..lb. .30 - .40
Hydrogen peroxide, USP, bbls. lb. .08¾- .94
100 vols., cbys., E. of Miss. River or West coast via Panama Canal..lb. .15½- .18½
Hydroquinone, bbls., dms....lb. .90 - .94
Hydroxycitronellal, cns.....lb. No prices
dms., extra, ret'able, divd...lb. No prices
Hyoscine hydrobromide, bots..oz.39.00 -45.00
Hyoscyamine, bots.....oz.16.00 -20.00
Hydrobromide, bots.....oz.16.00 -20.00
Sulphate, bots.....oz.16.00 -20.00
Hypernic extract, cryst., No. 1, bbls., l.c.l..lb. .43 - —
No. 2, bbls., l.c.l.....lb. .34 - —
liquid, No. 1, bbls., l.c.l..lb. .24 - —
No. 2, bbls., l.c.l.....lb. .19 - —
solid. No. 1, bxs., l.c.l.....lb. .20 - —
Hyssop herb, bgs.....lb. .67 - .70
leaves, bgs.....lb. .75 - .78

I

Iceland moss, bgs.....lb. .50 - .52
Ichthammol, NF, bots.....lb. 2.45 - —
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.50
synth., paste, bots.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb. 19.50 -22.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars.....lb. 1.07 - —
100-lb. kgs.....lb. 1.23½- —
resubl., 5-lb. bots., jars.....lb. 1.75 - 1.85
Iodoform, 100-lb. dms., kgs....lb. 3.90 - 4.10
25-lb. jars or fib. dms.....lb. 4.20 - —
Ionone, ketone, bot.....lb. 6.00 - 9.00
Methyl, bot.....lb. 6.25 -12.00
Ipecac root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 60-80 mesh, bbls..lb. .32 - .33
prime, bleached, bls.....lb. .30 - .35
powd., 60-80 mesh, bbls..lb. .40 - .50
Iron acetate, liquor, bbls. e.l., divd..lb. .17 - —
l.c.l., divd.....lb. .18 - —
solut., USP IX, 100-lb. cbys.lb. .17 - —
50-lb. dms.....lb. .18 - —
Chloride (ferric), anhydr., tech., dms., c.l., works..100 lbs. 4.90 - 5.25
l.c.l., works.....100 lbs. 5.50 - 6.25
cryst., tech., bbls., works, frt. alld..100 lbs. 4.00 - 6.00
USP X, lump, bbls.....lb. .07 - .09½
solut., 42 Be, cbys., works, frt. alld. or equald...lb. .06½- .08
djms., same basis.....lb. .10 - —
Citrate, USP VIII, gran., dms., lb. .79 - .72
powd., cns.....lb. .84 - .87
Glycerophosphate, bbls.....lb. 2.40 - 2.82
Hypophosphite, bbls., dms...lb. 1.50 - 1.53
(oddie, bots.....lb. 2.18 - 2.32
Naphthenate, 6% Fe, 50-gal. dms..lb. .15 - —
Nitrate, red., tech., dms....lb. .06½- .04
Oxalate, gran., dms.....lb. .23 - .25
powd., cns.....lb. .53 - —
kgs.....lb. .47 - .49
Phosphate, soluble, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns...lb. .59 - .62
Reduced, 90%, kgs.....lb. .65 - .75
Resinate, 7.4% Fe, 100-lb. dms. lb. .17½- —
Sulphate (ferric), anhyd., bgs., c.l., works..ton.35.00 - —
l.c.l., works.....ton.40.00 - —
(ferrous) tech. (see Copperas).
USP, cryst., bbls., dms....lb. .06½- .11
Tallate, 4% Fe, 50-gal. dms..lb. .10½- —
Iron-ammonia citrate, brown, green, gran., pearls, dms.lb. .32 - .33
scale, dms.....lb. .49 - .53
Oxalate, bbls.....lb. .23½- —
dms., kgs.....lb. .35½- .36½
Iron-soda oxalate, bbls., dms..lb. .23½- .24½
Isobornyl acetate, cns., works.lb. .80 - .95
Thiocyanoacetate, dms., c.l., works..gal. 4.35 - —
l.c.l., works.....gal. 4.45 - 4.55
tanks, works.....gal. 4.25 - —
Isobutyl acetate, dms., works.lb. No prices
Propionate, dms., works.....lb. No prices
Isoeugenol, cns., works.....lb. 3.75 - 4.25
Isopentane, dms., works.....lb. .45 - .55
Isophorone, dms., c.l., works..lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., E. of Rockies, frt. alld..lb. .11 - —
l.c.l. E. of Rockies, same basis..lb. .11½- .12
tanks, E. of Rockies, same basis..lb. .10 - —
Alcohol (see Alcohol, isopropyl).
Isopropyl ether, dms., c.l., divd. lb. .06 - —
l.c.l. .....lb. .06½- —
tanks, divd.....lb. .04½- —
Isopropylamine, dms., works..lb. .25 - —

J

Jaborandi leaves, bls.....lb. .14 - .15
Jalap root, NF, bls.....lb. .24 - .26
powd., bbls., bxs.....lb. .40 - .42
Resin, lump, cns.....lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, dom., bgs.....lb. .25 - .70
Juniper tar, USP, dms.....lb. .75 - 1.00

K

Kamala, powd., cns.....lb. .51 - .52
Kaolin (see China clay).
Kava kava root, bls.....lb. .28 - .30
Kerosene, at refinery: Ark., 42-44 w.w., tanks..gal. .05 - —
Bayonne, 41-43 w.w., tanks.. gal. .061 - —
California, 40-43 w.w., tanks, gal. .07 - —
Gulf ports, 41-43 w.w., tanks, gal. .04½- .05
Okla.-Tex., 41-43 w.w., tanks. gal. .04875- —
Penn., 45 w.w., tanks....gal. .0655- .0705
47 w.w., tanks.....gal. .0705- —
Kola nuts, bgs.....lb. .11 - .12
Kyanite,[1] imp., low iron content, 10-mesh, whse..ton.85.00 -95.00
calcined, grain, 10-mesh, whse. ton.95.00 -105.00

L

Ladyslipper root, bls.....lb. 1.35 - 1.40
Lanolin (see Adeps lanae).
Lard,[1,7] pure, ref., tierces, c.l..lb. 15475- —
prime steam, tierces, c.l.....lb. .1473- —
Larkspur seed, bgs.....lb. .80 - .82
Laurel berries, bls.....lb. .25 - .26
Leaves, Cyprus, bls.....lb. .23½- .23¾
Greek, bls.....lb. No stocks
Portuguese, fair, bls.....lb. .13¼- .13¾
good, bls.....lb. .12¾- .12¾
Turkish, bls.....lb. .17 - .17½
Lavender flowers, medium, bls.lb. .75 - .80
ordinary, bls.....lb. .35 - .43
select, bls.....lb. .90 - .95
Lead, acetate,[1] white, broken, bbls..lb. .12½- —
cryst., bbls.....lb. .12½- —
gran., powd., bbls.....lb. .13¼- —
Arsenate,[1,8] basic powder, 3-lb. bgs. or larger, c.l..lb. .11½- .12
l.c.l.....lb. .12 - .12½
1-lb. ctns., c.l.....lb. .16½- .22½
l.c.l.....lb. .19 - .23
standard paste, cns., c.l..lb. .05¾- .06
l.c.l.....lb. .06 - .06¼
powder, 3-lb. bgs. or larger, c.l..lb. .11 - .11½
½-lb. bgs., c.l.....lb. .16 - .20
l.c.l.....lb. .16½- .20½
1-lb. ctns., c.l.....lb. .18 - .23
l.c.l.....lb. .18¼- .23½
¼-lb. ctns., c.l.....lb. .21 - .25
l.c.l.....lb. .21½- .25½

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., divd. E..lb. .07½- —
divd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07½- —
l.c.l., divd. E.....lb. .07½- —
divd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms.....lb. .40 - —
Iodide, NF V. bots.....lb. 2.80 - —
jars .....lb. 2.60 - —
Linoleate, pale, precip., bbls.lb. .22½- —
Metal,[1,5] (see Protective Coatings Materials market).
Metallic paste, dms., works..lb. No stocks
Naphthenate, 24%-30%, Pb...lb. .14¼- .17½
Nitrate, bbls.....lb. .12½- —
Oleate, bbls.....lb. .17¾- —
Peroxide, powd., tech., bbls.lb. .23 - .28
Red, 95% Pb_3O_4 or less, bbls., c.l. (20 tons), divd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash....lb. .09¼- —
other points.....lb. .09 - —
l.c.l., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .09¾- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .10¼- —
Colo., Mont., N. Mex., Wyo..lb. .10 - —
other points.....lb. .09½- —
smaller lots, Ala., etc.lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10¼- —
other points.....lb. .10 - —
In oil, kgs.....lb. .14 - —
97%, Pb_3O_4, bbls., c.l., divd. Ala., etc..lb. .09¼- —
other points.....lb. .09¾- —
l.c.l., 5 tons, divd. Ala., etc..lb. .10 - —
Ariz., etc.....lb. .10¼- —
Colo., etc.....lb. .10¼- —
other points.....lb. .09¾- —
smaller lots, divd. Ala., lb. .10¾- —
Ariz., etc.....lb. .11 - —
Colo., etc.....lb. .10¾- —
other points.....lb. .10¼- —
98%, Pb_3O_4, bbls., c.l., (20 tone), divd., Ala., etc. lb. .09¾- —
other points.....lb. .09½- —
l.c.l., 5 tons, divd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10¼- —
other points.....lb. .10 - —
smaller lots, divd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
Resinate, precip., 23.8% Pb., dms..lb. .17¼- —
Silicate, bgs.....lb. .0780- .0780
Soyate, 20.15% Pb., dms.....lb. .22¼- —
Stearate, bbls.....lb. .81 - .82
Sulphate (see Lead, blue; Lead, white, basic sulphate).
Tallate, 10% Pb., dms.....lb. .09¼- —
Lead, titanate, bgs., bbls., c.l., l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¼- —
Pac. Cst., ex whse..lb. .11¼- —
smaller lots, E. frt. alld. lb. .11½- —
Pac. Cst., ex whse..lb. .11¾- —
White, basic carbonate, bbls., c.l., divd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo..lb. .08½- —
divd. other points...lb. .08¼- —
l.c.l., divd. Ariz., etc...lb. .08¾- —
other points.....lb. .08½- —
basic sulphate, bbls., c.l., divd. Ariz., etc..lb. .07½- —
other points.....lb. .07¼- —
l.c.l., divd. Ariz., etc. lb. .08 - —
in oil, consumers, kgs.....lb. .13¾- —
painters, kgs.....lb. .12¾- —
Lecithin, edible, dms., c.l.....lb. .25¼- —
l.c.l. .....lb. .26½- .45
in cocoa butter, dms., c.l..lb. .39½- —
l.c.l. .....lb. .40¾- .50
tech., dms., c.l.....lb. .25¼- —
l.c.l. .....lb. .26½- .45
vegetable, pure, bots, 100 lbs. lb. 2.75 - —
Lemon peel, bls.....lb. .30 - .35
Licorice extract, mass, cns....lb. .25 - .72
powd., bbls. .....lb. .09 - .68
Root, Indian, bls.....lb. .12 - .14
powder, bbls. .....lb. .16 - .20
Russian, bls. .....lb. .12 - .18
Spanish, bls. .....lb. .12 - .13
Turkish, bls. .....lb. .12 - .13
Lignin extract, tanning grade, bgs., c.l., works..lb. .04 - —
Lime, chemical (quicksilver) lump, pebble, Adams, Mass..ton. 8.00 - —
Annville, Pa.....ton. 7.50 - —
Bellefonte, Pa.....ton. 7.50 - —
Berkeley, W. Va....ton. 7.50 - —
Buffalo, N. Y.....ton. 9.25 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa....ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.90 - —
Eagle Mountain, Va.ton. 7.65 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.50 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.90 - —
Knoxville, Tenn.....ton. 6.90 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.90 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va..ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.90 - —
Petoskey, Mich.....ton. 6.90 - —
Port Island, Mich....ton. 8.00 - —
Rapid City, S. Dak...ton.12.00 - —
Ripplemead, Va.....ton. 7.65 - —
Rockland, Maine.....ton. 8.00 - —
Scioto, Ohio.....ton. 6.50 - —
Sherwood, Texas....ton. 6.90 - —
Sherwood, Wisc.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.50 - —
York, Pa.....ton. 7.50 - —
Hydrated, Adams, Mass....ton. 9.00 - —
Annville, Pa.....ton. 9.00 - —
Bellefonte, Pa.....ton. 9.00 - —
Berkeley, W. Va.....ton. 9.00 - —
Buffalo, N. Y.....ton. 9.50 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa.....ton.10.00 - —
Crab Orchard, Tenn...ton. 9.65 - —
Eagle Mountain, Va...ton. 9.15 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio.....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton.10.65 - —
Knoxville, Tenn.....ton. 9.15 - —
LeRoy, Minn.....ton.10.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.65 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 9.00 - —
Menominee, Mich....ton. —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.65 - —
Petoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. Dak...ton.12.00 - —
Ripplemead, Va.....ton. 9.15 - —
Rockland, Maine.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Texas....ton.10.65 - —
Sherwood, Wisc.....ton.10.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 9.00 - —
Spray, paper bgs., Adams, Mass..ton.10.00 - —
Annville, Pa.....ton.10.00 - —
Bellefonte, Pa.....ton.10.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio.....ton.10.00 - —
Marblehead, Ohio.....ton.10.00 - —
Rockland, Maine.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.10.00 - —
York, Pa.....ton.10.00 - —
Lime salts (see Calcium).
Lime-ammonia-nitrogen[6] 20.5% N. (see Ammonia nitrate-lime-stone).
Linalool, cns.....lb. 7.75 - 7.80
Linalyl acetate, ex bois de rose, bots..lb. 8.50 - —
ex lignaloe wood, bots.....lb. 7.75 - 8.40
ex petitgrain, bots.....lb. 3.90 - 4.10
Linden flowers with leaves, bls. lb. .62 - .65
Linseed meal,[1,7] 34%, bulk, c.l. ton.45.00 - —
32%, bulk, c.l.....ton.43.00 - —
Litharge, com'l, powd. ,bbls., c.l. divd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
other points.....lb. .09 - —
l.c.l., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash. lb. .09¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
other points.....lb. .08¼- —
smaller lots, divd. Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09¼- —
other points.....lb. .09 - —
Lithium bromide, bbls., 100-lb. lots, works, frt. equald.lb. 1.90 - —
smaller lots, works.....lb. 1.92 - 1.98
Carbonate, NF, bbls., kgs...lb. 1.25 - 1.30
Chloride, jars.....lb. 1.65 - 1.70
Citrate, bbls., dms., kgs....lb. 1.40 - 1.41
Fluoride, bbls.....lb. 2.45 - 2.60
Hydroxide, jars.....lb. 1.25 - 1.40
Iodide, bots.....lb. 5.20 - —
jars .....lb. 5.05 - —
Stearate, fib. dms., works....lb. .59 - —

OPD—8-6-1946

Monsanto phosphorus and related products

- Phosphorus (Yellow)
- Phosphoric Anhydride
- Phosphoric Acid-Tetra
- Phosphoric Acid—85%
- Phosphoric Acid—75%
- Monosodium Phosphate
- Disodium Phosphate (Anhydrous and Duohydrate)
- Trisodium Phosphate
- Sodium Acid Pyrophosphate
- Tetrasodium Pyrophosphate
- Ammonium Phosphates
- Calcium Phosphates (Mono-Di-Tri)
- Calcium Pyrophosphate
- Potassium Phosphates
- Magnesium Phosphates
- Sodium Iron Pyrophosphate
- Iron Orthophosphate
- Ferro Phosphorus
- Alkyl Phosphoric Acid
- Alkyl Phosphates

Monsanto phosphorus better than 99.9% purity

Better than 99.9% pure phosphorus

Monsanto phosphoric acids and phosphates exhibit a uniformly high quality that is supported by the near-absolute purity of Monsanto's elemental phosphorus — better than 99.9%. Because of this, many industries look to Monsanto as their prime source of supply.

Since Monsanto is the world's largest commercial producer of elemental phosphorus, it follows that the value of its experience with phosphorus and its derivatives is often of great value. Users are invited to contact the nearest Monsanto Office, or write MONSANTO CHEMICAL COMPANY, Phosphates Division, 1700 South Second Street, St. Louis 4, Mo. District Offices: New York, Chicago, Boston, Detroit, Charlotte, Cincinnati, Birmingham, Los Angeles, San Francisco, Seattle, Montreal, Toronto.

MONSANTO CHEMICALS
SERVING INDUSTRY...WHICH SERVES MANKIND

Lithopone,[1] ordinary, bgs., c.l. (20 tons)	lb.	.04½-	—
l.c.l.	lb.	.04½-	—
bbls., c.l.	lb.	.04½-	—
l.c.l.	lb.	.04¾-	—
titanated (high-strength), bgs., c.l.	lb.	.0560-	—
smaller lots	lb.	.0585-	—
bbls., c.l.	lb.	.0585-	—
smaller lots	lb.	.0610-	—
Lithopone, c.l., dlvd. Pac. Cst., ½c. higher; l.c.l., ex whse. Pac. Cst., ½c. higher.			
Liverwort leaves, bls.	lb.	.65 -	.70
Lobelia herb, bls.	lb.	1.10 -	1.15
Lobeline sulphate, bots., wks.	oz.	25.50 -	33.00
Logwood extract, crystals, No. 1, bbls., l.c.l.	lb.	.34 -	—
No. 2, bbls., l.c.l.	lb.	.32 -	—
liquid, No. 1, bbls., c.l.	lb.	.17 -	—
No. 2, bbls., l.c.l.	lb.	.16 -	—
No. 3, bbls., l.c.l.	lb.	.15½-	—
No. 4, bbls., l.c.l.	lb.	.15 -	—
solid, No. 1, bgs., l.c.l.	lb.	.28 -	—
No. 2, bxs., l.c.l.	lb.	.26 -	—
bbls., c.l., Zone 1	lb.	.09½-	—
No. 4, bxs., l.c.l.	lb.	.23 -	—
No. 3, bgs., l.c.l.	lb.	.23½-	—
No. 5, bxs., l.c.l.	lb.	.21½-	—
No. 6, bxs., l.c.l.	lb.	.20½-	.44½
Lovage root, American (ligusticum actae folium), bls.	lb.	1.20 -	1.50
Lupulin, NF, tin	lb.	12.75 -	13.00
Lycopodium, USP, cs.	lb.	1.50 -	1.75

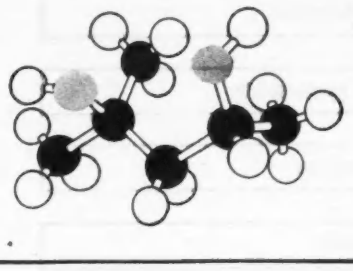
M

Mace,[3,7] Amboyna, cs.	lb.	.77	Nom.
Banda, cs.	lb.	.98	Nom.
West Indian, bgs.	lb.	.62	Nom.
No. 1, bgs.	lb.	.60	Nom.
broken, bgs.	lb.	.55	Nom.
Madder, Dutch, bbls.	lb.	.24 -	.30
Magnesia arsenate,[1] dms.	lb.	.153 -	.10
Calcined, tech., USP, bbls., works.	lb.	.26 -	—
Carbonate, tech., bgs., c.l., l.c.l., Zone 1.	lb.	.07¼-	—
bbls., c.l., Zone 1	lb.	.07¼-	—
l.c.l., Zone 1	lb.	.08½-	—
kgs., c.l., Zone 1	lb.	.08¾-	—
l.c.l., Zone 1	lb.	.09¾-	—
USP, bgs., c.l., Zone 1	lb.	.08 -	—
l.c.l., Zone 1	lb.	.09 -	—
bbls., c.l., Zone 1	lb.	.08½-	—
l.c.l., Zone 1	lb.	.09½-	—
kgs., c.l., Zone 1	lb.	.09¾-	—
l.c.l., Zone 1	lb.	.10¾-	—
Magnesia carbonate prices, basis Phillipsburg, N. J., and Plymouth Meeting, Valley Forge, Pa.; l.c.l. prices ¼c. lower, Zone 2, store delivery; store door delivery, both zones. Zone 1—Conn., Del., D. C., Md., Mass., N. J., N. Y., Pa., and R. I.; Zone 2, remainder of U. S.			
Chloride, anhyd., bbls., dlvd.	lb.	.12¾-	—
flake, bbls., c.l., works	ton.	32.00 -	—
l.c.l., works	ton.	39.00 -	42.00
Fluoride, bbls.	lb.	.20 -	.21
Hydroxide, medicinal, bbls., dms., kgs.	lb.	.29 -	.30
Hypophosphite, ens.	lb.	1.45 -	—
Laurate, bbls.	lb.	.33 -	.35
Oxide (see Magnesia, calcined).			
Peroxide, 15%, dms., works.	lb.	1.00 -	1.35
Phosphate, tribasic, USP, bbls.	lb.	.60 -	—
Silicate (see Talc).			
Silicofluoride, bbls.	lb.	.08 -	.09
Stearate, ctns.	lb.	.31 -	.32
Sulphate (see Epsom salt).			
Trisilicate, dms., 1,000-lb. contracts.	lb.	.37 -	—
smaller lots	lb.	.42 -	—
Magnesite, cal., powd., bgs., c.l., mines, Calif.	ton.	58.75 -	—
dead-burnt,[1] bulk, c.l., Chewelah, Wash.	ton.	22.00 -	32.00
Maleic anhydride, dms., c.l.	lb.	.25 -	—
l.c.l.	lb.	.26 -	—
Malva flowers, black, bls.	lb.	No stocks	
blue, bls.	lb.	1.50 -	1.60
Leaves, bls.	lb.	.40 -	.41
Manaca root, bls.	lb.	.50 -	.51
Mandrake root, bls.	lb.	.33 -	.34
Manganese acetate, dms.	lb.	.25½-	—
Arsenate,[6] bgs.	lb.	.12 -	.12¾
Borate, tech., bbls.	lb.	.16 -	.18
Carbonate, bbls.	lb.	.19 -	—
Chloride, anhyd., bbls., wks.	lb.	.14 -	.16
Dioxide, African, battery, 84%-87%, bbls., 28-40 tons, works.	ton.	74.00 -	—
smaller lots, works.	ton.	77.00	-82.00
Caucasian, 85-90%, bbls., c.l., works.	ton.	74.00 -	—
smaller lots, works.	ton.	77.00	-82.00
burlap bgs., c.l., works,	ton.	71.75 -	—
l.c.l., works	ton.	74.75	-79.75
paper bgs., c.l., works.	ton.	70.00 -	—
l.c.l., works	ton.	73.00 -	—
Glycerophosphate, fib. dms., 1,000-lb. lots.	lb.	3.05 -	—
100-lb. lots	lb.	3.15 -	—
cns., 25 lbs.	lb.	3.27 -	—
Hydrate, bbls., dlvd.	lb.	.26 -	—
Iodide, bots.	lb.	5.70 -	—
jars	lb.	5.55 -	—
Linoleate, liquid, 4%, dms.	lb.	.20 -	—
solid, precip., 8.2%, bbls.	lb.	.22 -	—
Naphthenate, 6% Mn, dms.	gal.	.16 -	—
Resinate, fused, 3½%, bbls.	lb.	.09 -	.10½
precip., dms.	lb.	.14½-	.16½
Soyate, 8.2% Mn, dms.	lb.	.22 -	—
Manganese sulphate, anhyd., dms., works.	lb.	No stocks	
feed grade, 77-80%, bgs.	lb.	.04 -	.05
fertilizer grade, 65%, bgs., c.l., dlvd. East.	ton.	59.56 -	—
l.c.l., same basis, or Balto. or Cincinnati	ton.	68.50 -	—
industrial grade, 80%, bgs.	lb.	.05 -	.05¾
Tallate, 4%, Mn, dms.	lb.	.09 -	—
Mangrove bark,[1,5] E. Africa, 33% tannin, c.l., ex dock, U. S. ports.	ton.	63.00 -	—
Manna, flake, large, cs.	lb.	No stocks	
small, cs.	lb.	No stocks	
Mannitol,[8] com'l, bbls., works.	lb.	.35 -	.40
reagent, cs. or multiples, works.	lb.	.85 -	—
Marjoram, Argentine, bls.	lb.	.14	Nom.
California, French type, new crop, bls., Pacific Coast.	lb.	.34 -	.35
Chilean, bls.	lb.	.11 -	.11½
Matico leaves, bls.	lb.	.22 -	.29
Menadione, USP, bots.	gram.	.10 -	—
Menthol, natural, USP, cns.	lb.	5.30 -	5.50
synthetic, tech, cns.	lb.	No prices	
USP, laevo, cns.	lb.	No prices	
racemic, cns.	lb.	4.65 -	4.95
Menthyl salicylate, tins.	lb.	3.00 -	3.10
Mercurial ointment, USP, mild, 10%, tubs.	lb.	.70 -	.72
30%, pails	lb.	1.30 -	—
50%, pails	lb.	1.88 -	1.90
Mercury bichromate (see Corrosive sublimate).			
Bisulphate, dms.	lb.	2.50 -	2.61
Chloride (see Calomel).			
Cyanide, cryst., powd.	lb.	3.86 -	—
Iodide, red, NF, dms., kgs.	lb.	4.30 -	—
yellow, fib. dms., kgs.	lb.	4.38 -	—
Nitrate ointment (see Citrine ointment).			
Oxide, red, NF (see Red precipitate).			
yellow, USP, fib. dms.	lb.	2.94 -	2.96
tech. (see Yellow, mercury oxide).			
Mercury and chalk, dms.	lb.	1.66 -	1.76
Mesityl oxide, dms., c.l., dlvd.	lb.	.11½-	—
l.c.l., dlvd.	lb.	.12 -	—
tanks, dlvd.	lb.	.10¼-	—
Metal leaf, composition, 5½x5½ in.	pkg.	3.00 -	—
Gold X+, deep, 23, 3⅜x3⅜ in.,	pkg.	15.00 -	—
Silver, 3⅜x3⅜ in.	pkg.	3.00 -	—
Metanitroparatoluidin, bbls.	lb.	1.05 -	1.10
Metaphenylenediamine, kgs.	lb.	.65 -	—
Metatoluylenediamine, kgs.	lb.	.70 -	—
Methanol,[1] natural, all grades, dms., c.l., E. of Miss. R.	gal.	.63 -	—
l.c.l., same basis	gal.	.73 -	—
tanks, same basis	gal.	.60 -	—
Inside prices on natural methanol W. of Miss. R., 3c. higher.			
synthetic, dms., c.l., Zone 1, frt. lld.	gal.	.31 -	—
2, frt. alld. or dlvd.	gal.	.34 -	—
3, frt. alld.	gal.	.38 -	—
4, frt. alld.	gal.	.38 -	—
l.c.l., Zone 1, frt. alld. or dlvd.	gal.	.36 -	—
2, frt. alld.	gal.	.43 -	—
3, dlvd. S. F. and L. A.	gal.	.41 -	—
4, frt. alld. or dlvd.	gal.	.51½-	—
tanks, Zone 1, frt. alld.	gal.	.24 -	—
2, frt. alld.	gal.	.27 -	—
3, frt. alld.	gal.	.29 -	—
4, frt. alld.	gal.	.29 -	—
Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah, and Wash. Buyers in zone 4 have the option of buying at the delivered zone 4 price or at the zone 3 price, f.o.b. Los Angeles and San Francisco.			
Methyl abietate, non-ret. dms., c.l., dlvd.	lb.	.08½-	—
10 dms., dlvd.	lb.	.09¾-	—
1-9 dms., dlvd.	lb.	.10¾-	—
hydrogenated, non-ret. dms., c.l., dlvd.	lb.	.12 -	.15½
10 dms.	lb.	.13¼-	.16¾
1-9 dms.	lb.	.14¼-	.17¾
Acetate, CP, 97-99%, dms., c.l., E. of Miss.	lb.	.10½-	.12
W. of Miss.	lb.	.11½-	.12
l.c.l., E. of Miss.	lb.	.11 -	.14
W. of Miss.	lb.	.12 -	.13¼
tanks, E. of Miss.	lb.	.09½-	—
W. of Miss.	lb.	.10½-	—
tech., dms., c.l., E. of Miss.	lb.	.07 -	.09
W. of Miss.	lb.	.08 -	—
l.c.l., E. of Miss.	lb.	.07½-	.11
W. of Miss.	lb.	.08½-	.10½
tanks, E. of Miss.	lb.	.06 -	—
W. of Miss.	lb.	.07 -	—
Acetoacetate, dms., c.l., works, frt. alld.	lb.	.30½-	—
Acetone, natural, Group A, dms., incl. E. of Miss., frt. alld.	gal.	.66 -	—
l.c.l., same basis	gal.	.76 -	—
tanks, same basis	gal.	.60 -	—
Natural methyl acetone prices W. of Miss. R., 3c. per gal. higher.			
Group B, dms., c.l., Zone 1, frt. alld.	gal.	.63 -	—
Zone 2, same basis	gal.	.65 -	—
Zone 3, same basis	gal.	.67 -	—
Zone 4, same basis	gal.	.69 -	—
l.c.l., Zone 1, same basis.	gal.	.66 -	—
Zone 2, same basis	gal.	.83 -	—
Zone 3, same basis	gal.	.70 -	—
Zone 4, same basis	gal.	.83 -	—
tanks, Zone 1, same basis.	gal.	.60 -	—
Zone 2, same basis	gal.	.62 -	—
Zone 3, same basis	gal.	.64 -	—
Zone 4, same basis	gal.	.64½-	—
Natural methyl acetone zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3—Los A., San Fran., Seattle, Wash.; Portland, Ore. Zone 4—Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.			
synthetic, dms., c.l., Zone 1.	gal.	.51 -	—
Zone 2.	gal.	.52 -	—
Zone 3.	gal.	.53¼-	—
Zone 4.	gal.	.54½-	—

HEXYLENE GLYCOL

(2-METHYL-2, 4-PENTANEDIOL)

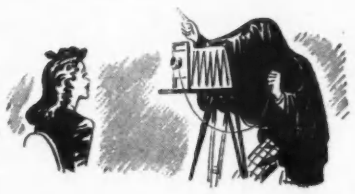
A Versatile Dihydric Alcohol

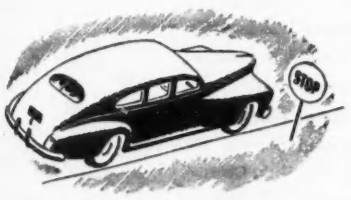


now available in semi-commercial quantities

The physical and chemical characteristics of Hexylene Glycol are such that it has possible application in a variety of industries. We suggest that you consider its use as:

HIGH-BOILING SOLVENT:
Textile Dyes (promotes dye penetration)
Photographic Film (reduces curling, increases flexibility)
Printing Inks (acts as penetrating agent)





COUPLING AGENT:
Hydraulic Brake Fluids (good solubility for castor oil—forms clear solutions)
Dry Cleaning Compounds (blends oils; adds solvent power)
Polishes (blending agent)
Cutting Oils (homogenizer)

HUMECTANT:
Leather Oils and Dressings (leather softening agent)
Casein glues (plasticizer)

HEXYLENE GLYCOL [$(CH_3)_2COH.CH_2CHOH.CH_3$] is an excellent *high boiling solvent* (199°C).

Completely miscible with water, alcohols and ketones generally, aromatic and petroleum hydrocarbons and such materials as carbon tetrachloride, it is highly valuable as a *coupling agent* for otherwise immiscible liquids.

Mild humectant property increases its value where maintenance of a moist condition is desirable . . . penetrating and lubricating properties are excellent.

* * *

PROPERTIES

Specific Gravity at 20/4° C.....0.922

Boiling Range at 760 mm.....195-199° C.

Flash Point,
Tag open cup.....205-210° F.

Vapor Pressure at 20° C...0.02 mm. Hg.
90° C...7.68 mm. Hg.

Refractive Index, $N\frac{20}{D}$.....1.4274

Latent Heat of Vaporization....12,900 cal. gram mole at boiling point

Solubility at 20° C.....Completely miscible in water, acetone, toluene, carbon tetrachloride and octanes

Pounds per U.S. Gal. at 20° C.....7.68

Molecular Weight.....118.17

For further information and uses of Hexylene Glycol, write for Technical Bulletin #SC:46-13.

SHELL CHEMICAL CORPORATION

100 Bush Street, San Francisco 6 — 500 Fifth Avenue, New York 18

Los Angeles · Houston · St. Louis · Chicago · Cleveland

Methyl acetone, synthetic, dms., l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .45½- —

Synthetic methyl acetone zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo. Zone 3—Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore. and Seattle, Wash. Zone 4—Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Alcohol (see Methanol).
Anthranilate, dms.....lb. 1.80 - 1.85
bots., cns.....lb. 2.20 - 2.35
Benzoate, cns.....lb. .48 - .51
Benzoate, cns.....lb. .45 - .47
cyls.....lb. .65 - .75
Chloride, refrigeration, cyls., 500 lbs. and up, machine mfrs. and jobbers..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .36 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .36 - .40

Methyl chloride quotations are spot or contract, ship. point; prices above are in 60, 90 and 180-lb. cylinders; 20-lb. cylinders, 10c. per pound higher.

Cinnamate, cns.....lb. 2.50 - 3.50
Formate, dms.....lb. .89 - —
Iodide, bots.....lb. 4.00 - 4.15
Lactate, dms., c.l., divd.....lb. No stocks
Oleate, dms., c.l.....lb. .35 - —
Salicylate,[1] dms., 500 lbs....lb. .35 - —
25-50 lbs.....lb. .37 - .38
Methylamyl ketone, cns., dms., works..lb. No stocks
Methylcellulose, special, vis. (4,000 cps.) fib. ctns., 2,000 lbs. or more, frt. alld..lb. .69 - —
smaller lots, frt. alld....lb. .65 - .7[illegible]
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .53 - —
smaller lots, frt. alld....lb. .58 - .63
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, USP, kgs. 100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., dms., wks..lb. .18 - .28
solvent, dms., works.....lb. .12 - .15
Methyleneanilin, lbs., ton lots, min. frt. alld.....lb. .36 - —
smaller lots, same basis....lb. .37 - —
Methylethyl ketone, dms., divd. lb. .09 - —
l.c.l., divd.....lb. .09½- —
tanks, divd.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl carbinol (see Carbinol, methylisobutyl).
Methylisobutyl ketone, dms., c.l., divd..lb. .11½- —
l.c.l., divd.....lb. .12 - —
tanks, divd.....lb. .10½- —
Methylnaphthyl ketone, cns...lb. 3.25 - 3.75
Methylpentanediol, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .16½- —
1 and 5-gal. cont., works..lb. .20½- .23½
tanks, works.....lb. .15 - —
Mica, dry-grd., paint, plastic, 100 mesh, bgs., c.l., works.ton.47.50 - —
l.c.l., works.....ton.51.00 - —
roofing, 20 mesh, bgs., c.l., works..ton.32.50 -33.00
l.c.l., works.....ton.38.00 -40.00
30-31 mesh, bgs., c.l., works, ton.32.50 -35.00
l.c.l., works.....ton.37.50 -40.00
40-45 mesh, bgs., c.l., works, ton.32.50 -35.00
l.c.l., works.....ton.37.50 -40.00
80 mesh, bgs., c.l., works, ton.40.00 -42.50
l.c.l., works.....ton.44.00 -45.50
graphitic, bulk, Pa., mines, ton.80.00 - —
wet-grd., biotite, bgs., c.l., works, frt. alld. E..lb. .04½- —
l.c.l., ex whse., or frt. alld. E..lb. .05 - —
extra fine, bgs., c.l., works, frt. alld. E..lb. .04¾- —
l.c.l., ex whse. or frt. alld. E..lb. .05¼- —
paint or lacq., bgs., c.l., works, frt. alld. E..lb. .05½- —
l.c.l., ex whse. or frt. alld. E..lb. .06 - —
rubber, bgs., c.l., works, frt. alld. E..lb. .05¼- —
l.c.l., ex whse. or frt. alld. E..lb. .05¾- —
wallpaper, bgs., c.l., works, frt. alld. E..lb. .05½- —
l.c.l., ex whse. or frt. alld. E..lb. .06 - —
white, extra fine, bgs., c.l., works, frt. alld. E..lb. .06½- —
l.c.l., ex whse. or frt. alld. E..lb. .07 - —

Mica, wet-grd., W. of Miss. R., ½c. higher; W. of Rockies, ¾c. higher.

Milk powder,[1,7] skimmed, roller, bulk, c.l..lb. .14¼- —
spray, bulk, c.l.....lb. .13¾- —
whole, roller, bbls., c.l.....lb. .29 - —
spray, bbls., c.l.....lb. .30 - —
Milk sugar,[1] bbls., c.l., works.lb. .26 - —
l.c.l., works.....lb. .26¾- .27¼
Mineral spirits (see Petroleum, mineral spirits).
Molasses,[1,9] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2.....gal. .18½- —
Area 3.....ton.26.00 - —
Area 4.....ton.29.00 - —
tanks, Area 5.....ton.34.00 - —

Area 1, Fla., Ga., La., Tex.; Area 2, Mass., Md., N. J., N. Y.; Area 3, Calif.; Area 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.

Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,4] kgs., 99%, powd..lb. 2.60 - 3.80
Trioxide,[1,5] pure, kgs., works, basis Mo. content..lb. .95 - —
technical, kgs., works, basis Mo. content. lb. .80 - —

Monoamylamine, dms., c.l., works, basis 100%..lb. .61 - —
l.c.l., works, basis 100%..lb. .64 - —
Monochlorobenzene, dms., c.l., works..lb. .05½- —
l.c.l., works.....lb. .07 - .09
Monoethanolamine, dms., c.l., frt. alld. E..lb. .24 - —
l.c.l., same basis.....lb. .26 - —
tanks, same basis.....lb. .23 - —
Monoethylamine, dms., c.l., works, basis 100%..lb. .17 - —
l.c.l., works, basis 100%...lb. .18 - —
tanks, 100% basis, works....lb. .15 - —
Monomethylamine, dms.....lb. .65 - —
Monomethylpara-aminophenol sulphate, dms..lb. 2.40 - 2.90
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromine, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, bots., 5 ozs..oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., l.c.l., works, lb. .67 - —
smaller containers, works...lb. .75 - —
Mullein leaves, cns.....lb. .12 - .13

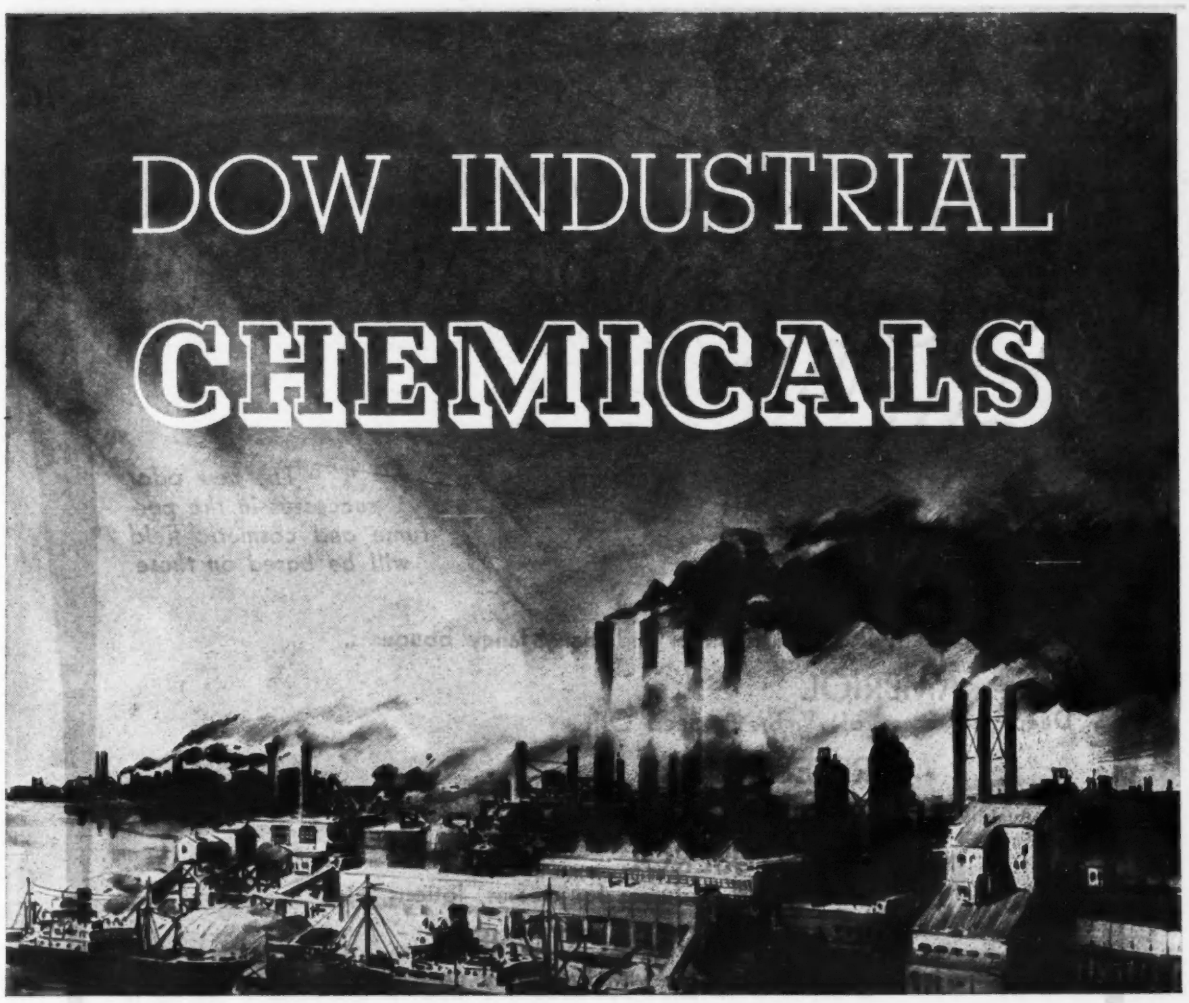
Musk, nat., Tonquin, grains, bots., oz.55.00 -60.00
synthetic, ambrette, cns., 100 lbs., or more..lb. 4.00 - 9.10
25 lbs.....lb. 4.10 - 9.30
5 lbs.....lb. 4.25 - 9.45
ketone, cns., 100 lbs. or more..lb. 4.15 - 9.25
25 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, dms.....lb. 1.40 - 2.00
25 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.90
Muskroot, bls.....lb. 2.25 - 2.30
Mustard seed, Calif., brown, bgs. lb. .14½- .15
yellow, bgs.....lb. .21 Nom.
Danish, yellow, bgs.....lb. .25½- .25¾
Montana, brown, bgs.....lb. .11 - .11½
oriental, bgs.....lb. .11½- .12
yellow, bgs.....lb. .26 - .26½
Swedish, bgs., futures.....lb. .38 - .38½
Washington, yellow, bgs...lb. .26 Nom.
Myrobalans,[1] whole J1, U. S. ports, ex dock.....ton.55.00 -56.00

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see 8).
Naphthalene, crude, dom., 74°, bgs., c.l., frt. equald..lb. .03 - —
bbls., c.l., same basis...lb. .031 - —
tanks, same basis.....lb. .0275- —
Naphthalene, crude, dms., 78°, bgs., c.l., same basis..lb. .0325- —
bbls., c.l., same basis...lb. .0325- —
tanks, same basis.....lb. .03 - —
refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .08 - —
50-lb. cs., same basis....lb. .08¼- —
1-lb. pkgs., same basis...lb. .08¾- —
Neocinchophen, USP, dms.....lb. 7.00 - 7.10
Nepheline syenite,[1] glass grade, 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N. Y..ton.13.50 - —

Nephelinesyenite in bgs. is $2 per ton higher than bulk.

Nerolin, crys., cns.....lb. 1.70 - 1.80
Niacin (see Acid, nicotinic).
Nickel, carbonate, bbls.....lb. .36 - .36⅛
Chloride, bbls.....lb. .18 - .20
Cyanide, bots., dms.....lb. No stocks
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½
Nicotine sulphate, 40%, dms., 50 lbs. to dealers, frt. allowed over 96 lbs..lb. .8660- —
tins, 10 lbs.....lb. 1.015 - —
Nicotinamide, USP, dms....kilo.11.00 -11.30
Nikethamide, bots., cbys.....lb. 9.00 -12.00
Nitercake, bulk, works.....ton.16.60 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l.....lb. .09 - —
tanks.....lb. .07 - —



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Aniline Oil—one of over 500 Dow Chemicals Serving American Industry

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Phenol • Sodium Sulphide
Carbon Tetrachloride
and more than 75 others.

DOW
CHEMICALS INDISPENSABLE TO INDUSTRY AND AGRICULTURE

Nitrocellulose, alcohol-soluble, ½ sec., 20-35 cps., bbls., works, dry weight..lb. .28 - —
5-6, 40-60 cps., same basis, lb. .27 - —
ester-soluble, ¼, ½ sec., 30-35 cps., bbls., works, dry weight..lb. .26 - —
5-6, 15-20 cps. and higher, bbls., works, dry weight, lb. .25 - —
Nitrocellulose:—Denatured alcohol used in manufacture is charged extra. Barrels extra, but returnable.
Nitroethane, dms., works.....lb. .25 - —
Nitrogen solut., tanks.....ton.108.21 - —
Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis, Hopewell, Va., bulk, works.
Nitrogenous process tankage,[1,7] bulk, works..unit-ton. 3.15 - 3.50
Sewage sludge,[1] bulk, works, unit-ton, 2.60 + .40 - 3.00 + .40
Nitromethane, dms., c.l., works, lb. .25 - —
Nitronaphthalene, bots.....lb. .24 - .25
Nitropropane I, dms., works..lb. .25 - —
II, dms., works.....lb. .25 - —
Nutgalls,[6] bgs.....lb. .50 - .52
Nutmegs,[1,7] West Indian, No. 1, futures..lb. .34½- .34¾
Nux vomica, bls.....lb. .10 - .11
powder, bbls., bxs.....lb. .13 - .14

O

Oakbark extract,[1,9] 25% tannin, bbls., c.l., works..lb. No stocks
Octane,[1] 100° C-140° C, industrial grade, dms., c.l., G.S..gal. .15½- —
l.c.l., G. S.....gal. .29 - —
10 gals., G. S.....gal. .35 - —
tanks, G. S.....gal. .13 - —
Octanol, normal, tech., 360-lb. dms., dlvd..lb. .35 - —
Oil, almond, artificial (see Benzaldehyde).
Bitter, F.P.A., bots.....lb. 4.75 - 5.00
USP, bots.....lb. No prices
sweet, exp., dms., cns.....lb. 1.15 - 1.85
Angelica root, bots.....lb.120.00 -140.00
Seed, bots.....lb. No stocks
Anilin (see A).
Anise, Russian, USP, cns....lb. 4.00 - —
Chinese, dms.....lb. 2.50 - 3.50
Apricot kernel, cns.....lb. .50 - .65
Avocado, cns., dms.....lb. 1.00 - 1.10
Babassu,[1,7] tanks.....lb. .1110- —
Bay, W. I., 50-55%, cns.....lb. 1.40 - 1.65
Puerto Rican, 50-55%, cns..lb. 1.58 - 1.75
Bergamot, artif., cns.....lb. 2.25 - 6.60
natural, Italian, cns.....lb. 7.00 -10.00
Birch (see Oil, sweet birch).
Birchtar, crude, cns.....lb. 5.00 - 6.00
rectified, cns.....lb. No stocks
Bois de rose, Brazil, cns.....lb. 5.00 - 5.25
Mexican (see Oil, lignaloe wood).
Bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Juniper tar).
Cajeput, tech., dms.....lb. 2.25 - —
redistilled, USP IX, cns....lb. 2.40 - 2.75
Calamus, cns.....lb.20.00 -24.00
Camphor, synthetic, white, cns. lb. .165 - .40
Cananga, native, cns.....lb. 8.00 -10.00
rectified, cns.....lb.10.50 -12.50
Capsicum (see Capsicum, oleoresin).
Caraway, NF, cns.....lb. 8.00 - 8.75
Cardamom, bots.....lb.20.00 -22.50
Cassia, USP, cns.....lb. 7.00 - 8.50
Castor,[1] blown, ret. dms., c.l. lb. .16¼- —
l.c.l.....lb. .17¼- —
Oil, castor, cold pressed, USP, cns..lb. .17 - .19
dms., c.l.....lb. .15 - —
l.c.l.....lb. .15¾- —
tanks.....lb. .1430- —
dehydrated, bodied, dms., c.l. lb. .1975- —
l.c.l.....lb. .2015- —
tanks.....lb. .1935- —
unbodied, dms., c.l.....lb. .1875- —
l.c.l.....lb. .1915- —
tanks.....lb. .1835- —
No. 3, tech., dms., c.l....lb. .14¾- —
l.c.l.....lb. .15½- —
tanks.....lb. .14 - —
sulphonated, 50% (48% fat), dms., c.l..lb. .10 - .10¼
l.c.l.....lb. .10½- .11
75% (63% fat), dms., c.l..lb. .12½- .13¾
l.c.l.....lb. .13 - .13¾
80% (68% fat), dms., c.l..lb. .12¾- .13
l.c.l.....lb. .13¼- .13½
Cedarleaf,[1] USP, cns., dms..lb. 2.55 - 2.65
Cedarwood, USP, cns., dms..lb. 1.60 - 1.15
Celery, bots.....lb.16.50 -18.00
Chaulmoogra, USP, cns.....lb. .60 - .70
Chinawood (see Oil, tung).
Cinnamon bark, bots.....lb.32.50 -45.00
leaf, dms.....lb. 1.40 - 1.85
Citronella, Ceylon, cns.....lb. 1.75 - 1.85
Clove, USP, cns.....lb. 1.50 - 1.85
Coconut,[1,7] crude, Ceylon, bulk, c.i.f., N. Y..lb. .0585- —
Cochin type, bulk, c.i.f. N. Y..lb. .0635- —
Manila, bulk, c.i.f. N. Y..lb. .0535- —
ret. dms.....lb. .0585- .0665
edible, ex tax, bulk.....lb. .0965- —
Cod, Newfoundland, dms....gal. .88 - .90
tanks.....gal. .86 - —
Codliver, USP, bbls., dms..gal. 2.15 - 2.25
Coriander, bots.....lb.19.00 -35.00
Oil, corn,[1,7] crude, tanks, works. lb. .12¾- —
edible, dms., l.c.l.....lb. .16¼- .16½
tanks.....lb. .1502- —
foots, acid, 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks, dlvd. E.lb. .06½- —
Cottonseed,[2,7] crude, tanks, works..lb. .12¾- .13½
foots, acid 95%, tanks, dlvd. E..lb. .07¾- —
raw, 50%, tanks, dlvd. E. lb. .09¾- —
salad, l.c.l., dms.....lb. .16¾- .17
Creosote (see C).
Croton, NF, cns.....lb. No prices
Cubeb, cns.....lb. No prices
Crude (see Petroleum, crude).
Cumin, bots.....lb.22.00 - —
Cypress, bots.....lb.12.00 -16.00
Degras (see D).
Dillseed, bots.....lb. 6.00 - 7.00
Dillweed, bots.....lb. 4.25 - 4.75
Dip (see D).
Erigeron, cns.....lb. 2.25 - 2.40
Eucalyptus, 80-90%, cns.....lb. 1.15 - 1.40
Fennel, sweet, cns.....lb. 3.75 - 4.50
Fir, Canada, cns.....lb. 2.50 - 2.80
Fishliver,[1] dms., less than 40,000 A units per gram... per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram. per million units. .001 - —
200,000 or more A units.... per million units. .30 - —
Fuel (see Petroleum, fuel oil).
Garlic, pure, bots.....oz.15.00 - —
Gaultheria (see Oil, wintergreen).
Geranium, Algerian, cns....lb. No stocks
Bourbon, cns.....lb.16.50 -22.00
Russian, cns.....lb. No stocks
Turkish (see Oil, palmarosa).
Ginger, dist., bots.....lb.12.00 -14.00
Grapefruit, cns.....lb. 2.05 - 2.75
Grease, common, No. 1, bbls., c.l...lb. .14 - —
extra, No. 1, bbls., c.l...lb. .14½- —
Winter strained, bbls., c.l..lb. .15 - —
prime, burning, bbls., c.l..lb. .16 - —
inedible, bbls., c.l.....lb. .15½- —
Guaiacwood, cns.....lb. 3.00 - 4.00
Hemlock, cns.....lb. 2.60 - —
Herring,[1] crude, tanks, Pac. coast..lb. .080 - —
Juniper, berry, dom., bots....lb. 5.50 - 5.50
Juniper tar, USP (see Juniper Tar).
Juniper wood, tech., cns....lb. .90 - 1.00
Lard oil (see Oil, grease).
Laurel, bots.....lb. No prices
Lavandin, cns.....lb. 5.00 - 5.50
Lavender flower, French, 38%-42% ester, cns..lb.13.00 -17.00
30-32% ester.....lb. 8.50 - —
Russian, cns.....lb.14.50 - —
spike, Spanish, pure, cns...lb. 2.65 - 3.10
tech., cns.....lb. 2.35 - 2.50
Lemon, USP, Calif., cns.....bl. 3.25 - —
Messina,[1] cns.....lb. 3.25 - —
Terpeneless, bots.....lb.42.00 -56.00
Lemongrass, cns., dms.....lb. 3.15 - 4.00
Lignaloe seed, Mexican, cns. lb. No stocks
wood, Mexican, cns.....lb. 4.50 - —
Brazilian (see Bois de Rose).
Lime, distilled, Mexican, cns. lb. 5.75 - 7.25
West Indian, cns.....lb. 6.50 - 7.50
expressed, West Indian, cns. lb.13.50 -14.00
Linseed,[1,7] raw, dms., c.l....lb. .1560- —
l.c.l.....lb. .1600- .1650
tanks.....lb. .1470- —
tankwagon.....lb. .1470- —
Boiled linseed oil, .004 higher than raw.
Linseed, replacement, dms., c.l. lb. .1400- .1550
tanks.....lb. .1420- .1470
Lubricating,[1] at refinery, ex tax, California, neutral, pale, 200-300 vis., 2¾-4 pour, tanks..gal. .07¼- .11
red, 200-900 vis., 4-5½ pour, plus tanks..gal. .07¼- .11¼
Group 3, bright stock, 150-160 vis., 0.25 pour, tanks, gal. .22 - —
neutral, 300 vis., No. 3, col., 0-10 pour, tanks.. gal. .16 - —
200-300 vis., No. 3, col., 15-25 pour, tanks, gal. .15 - .16
Pa., bright stock, 145-155 vis., No. 3 color, 10-25 pour, tanks..gal. .25 - .30½
cylinder oils, 600-630 flash, tanks..gal. .16 - .17
600-650 steam, refd., tanks..gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 25 pour, tanks..gal. .30 - .31
200 vis., 25 pour, tanks, gal. .23 - .26
Mace, dist., cns., dms.....lb. 4.75 - 5.25
Mandarin, Brazilian, cns....lb. 6.00 -10.00
Menhaden,[1,7] crude, tanks, Balto..lb. .0690- —
refined, alkali, dms., l.c.l..lb. .1400- —
kettle-bodied, dms., l.c.l..lb. .1500- —
light-pressed, dms., l.c.l..lb. .1300- —
tanks.....lb. .1225- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. 1.45 - 1.65
Seed, exp., dms., extra....lb. .14¾- —
Neatsfoot,[1] 15°, bbls.....gal. 1.60 - 1.65
20°, bbls.....gal. 1.75 - 1.80
30°, bbls.....gal. 1.55 - 1.60
pure, bbls.....lb. .15½- .16¼
Neroli, French, bots.....lb.195.00 -200.00
Haitian, bots.....lb.195.00 -200.00
Officica,[1] liquid, dms., c.l..lb. .25½- —
l.c.l.....lb. .26½- —
Oleo,[1] extra, dms., Chicago..lb. .1304- —
prime, dms., Chicago.....lb. .1275- —
Olibanum, bots.....lb. 4.75 - 5.20
Olive, denat., dms.....gal. No stocks
edible,[1] Calif., 3%-½% f.f.a., dms., extra, works..gal. 4.30 - 4.50
imported, dms.....gal. No stocks
foots,[1] dom., dms., c.l....lb. .18 - —
tankcars, works.....lb. .17 - —
imp.,[1] dms., c.l., ex dock, lb. .18 - —
tankcars, ex dock....lb. .17 - —
sulphonated, 50% (40% fat), dms., c.l..lb. No stocks
l.c.l.....lb. No stocks
60% (68% fats), dms., c.l.lb. No stocks
l.c.l.....lb. No stocks
85% (68% fat), dms., c.l.lb. No stocks
l.c.l.....lb. No stocks
Orange, sweet, dist., cs.....lb. 1.25 - 1.35
expressed, USP, Brazilian, cns..lb. 1.35 - 1.60
Calif., cns.....lb. 1.60 - 2.00
Florida, cns, dms.....lb. 1.45 - 1.75
Messina, coppers.....lb. No stocks
West Indian, cns.....lb. 2.25 - 2.75
sesquiterpeneless, bots.....lb.100.00 -112.00
Origanum, Spanish, cs.....lb. 2.40 - 2.60
Palm,[1,7] Niger, dms.....lb. .0565- —
Palmarosa, cns.....lb. 7.75 - 8.00
Palmkernel,[1,7] crude, bulk, c.i.f. N.Y..lb. .0685 Nom.

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The new odor successes in the perfume and cosmetic field will be based on these.

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Powerful aldehyde useful in floral and many fancy bouquets.

AMBRIOL
Deep rich aroma of Ambrette Seed Oil.

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A chemical surprisingly true to the odor of Reseda Mignonette.

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A Ketone basis for Violet Odors with Patchouly note.

JASMINOL
Similar in odor to Alpha Amyl Cinnamic Aldehyde but softer and finer. Stable in soaps and creams. Basis for Jasmin Odors.

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Softener and homogenizer for all types of Floral Odors.

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ESTABLISHED 1910 GD AROMATICS DIVISION

Oil, paraffin,[1] 300° flash, 100-110 vis., tanks, G.S..gal. .05¾- —
320° flash, 60-70 vis., tanks, G.S..gal. .05¼- —
350° flash, 70-80 @ 100 vis., 0/10 pour, G.S..gal. .08 - —
80-85 vis., 0/10 pour, bbls., extra, Ind. ref'y..gal. .12 - —
100-110 vis., 0/10 pour, same basis..gal. .08½- —
10/25 pour, same basis.gal. .08¼- —
Patchouli, cns.....lb. No stocks
Peanut,[1,7] bleached, deod., tanks, dlvd. E..lb. .1501- —
crude, tanks, works.....lb. .12¾- .13¾
foots, acid, 95%, tanks, dlvd. E..lb. .06 - —
raw, 50%, tanks, dlvd. E..lb. .04 - —
hydrogenated, tanks, dlvd. E., lb. .1573- .1575
Pennyroyal, dom., dms., cns.lb. 3.25 - 3.50
import, cns.....lb. 3.35 - 4.00
Peppermint,[1] natural, dms..lb. 6.25 - 7.00
redist., USP, dms.....lb. 6.65 - 7.50
Perilla, crude, dms.....lb. No stocks
Petitgrain, Paraguay, cns., dms..lb. 3.50 - 3.75
Pimento, berry, dms.....lb. 6.85 - 6.00
leaf, cns.....lb. 3.65 - 5.75
Pine,[1] ret. dms., c.l., dlvd. E. gal. .63 - .63½
l.c.l., dlvd. E.....gal. .73 - —
tanks, works.....gal. .55 - —
Pineneedle, cns.....lb. 3.25 - 3.65
Putty, bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
dms., c.l., Whiting, Ind..gal. *.34 - —
Boston, Providence....gal. .25 - —
l.c.l., same basis.....gal. .27 - —

* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1] bulk.....lb. .13 - —
Red,[1] ret. bbls., c.l., dms., d'vd. E. of Rockies..lb. .13¼- —
W. of Rockies.....lb. .14¼- —
Texas and Okla.....lb. .13¾- —
tanks, dlvd. E. of Rockies..lb. .12½- —
W. of Rockies.....lb. .13½- —
Texas and Okla.....lb. .13 - —
double dist., ret. dms., c.l., dlvd. E. of Rockies..lb. .15¾- —
W. of Rockies.....lb. .16¾- —
Texas and Okla.....lb. .16¾- —
special, non-ret. dms., bbls., c.l., dlvd. E. of Rockies. lb. .16¾- —
W. of Rockies.....lb. .17¾- —
Texas and Okla.....lb. .17¼- —

Red oil prices for ton lots are ½ cent per pound higher, and 1c. higher for less than ton lots.

Rose, natural, coppers.....oz 31.25 -42.00
Rosemary, Spanish, tech., cns., dms..lb. 1.20 - 1.50
USP, cns., dms.....lb. 1.50 - 1.75
Rosin, 1st rectified, dms...gal. .66 - —
2nd rectified, dms.....gal. .68 - —
3rd rectified, dms.....gal. .72 - —
Rue, bots.....lb. 4.75 - 5.25
Sage, Spanish, cns.....lb. 2.55 - 3.25
Sandalwood, NF, Mysore, cns., case lots..lb. 9.52 -11.15
Sardine, crude,[1,7] tanks, Pac. coast..lb. .089- —
refined, alkali, dms., l.c.l..lb. .1406- —
kettle-bodied, dms., l.c.l..lb. .1500- —
light-pressed, dms., l.c.l..lb. .1300- —
tanks .....lb. .1225- —
Sassafras, artif., Brazilian, cns. lb. .75 - .80
natural, cns., dms.....lb. 2.00 - 2.30
Savin, cns.....lb. No stocks
Savory, cns.....lb. 3.00 - —
Seal,[1] No. 1, tanks, U.S. ports. lb. .089 - —
Sesame,[1,7] tanks.....lb. .1430- —
Shingle stain, bbls., c.l., works. gal. .2185- —
l.c.l., works.....gal. .23 - .29
tanks, works.....gal. .15 - .16
Snakeroot, Canada, cns.....lb. No stocks
Soybean,[1,7] clarified, dms....lb. .1286 -.1285
tanks .....lb. .1256- —
crude, tanks, Decatur.....lb. .1175- —
deod., Winter, tanks.....lb. .1386- —
ret. dms.....lb. .1560- .1540
foots, acid, 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks, dlvd. E..lb. .03½- —
refd., varnish, dms.....lb. .1380- .1400
tanks .....lb. .1340- .1347
Spearmint, dms.....lb. 4.00 - 4.25
Sperm, bleached, 35°, dms...lb. .1445- —
natural, 45°, dms.....lb. .1310- .1311
Spruce,[1] cns., dms.....lb. 2.55 - 2.72
Sunflower,[7] imported, refined, tanks..lb. .1438- —
semi-refined, tanks.....lb. .1430- —
Sweet birch, North, cns.....lb. 5.00 - 7.00
South, cns.....lb. 2.50 - 3.25
Tall,[1] crude, dms., c.l., works. ton.53.65 -55.00
l.c.l., works.....ton.58.65 -63.65
tanks, works.....ton.40.00 -45.00
refined, dms., c.l., works..lb. .05 - .05¼
l.c.l., works.....lb. .05½- —
tanks, works.....lb. .04½- —
Tallow, acidless, bbls.....lb. .14¼- —
tanks .....lb. .13¾- —
Tansy, cns.....lb. No stocks
Tar,[1] pine, crude, dms., c.l., dlvd. E. cities..gal. .32¾- —
l.c.l., works.....gal. .29¾- —
tanks, dlvd. E cities....gal. .27 - —
rectified, USP, bbls.....gal. .60½- —
Tar acid (see T).
Thyme, NF, red, cns.....lb. 3.20 - 3.25
white, cns.....lb. 3.50 - 3.65
Tung,[1] dms., c.l.....lb. .39 - .39½
l.c.l. .....lb. .40 - .41
tanks .....lb. .38¾- —
Turkey red (see Oil, castor, sulphonated).
Turpentine, rectified, USP, cns., dms..lb. .25 - .29
Vetiver, Bourbon, cn.....lb.37.00 -42.00
Whale,[1] ref., natural, dms..lb. No stocks
Winter bleached, dms.....lb. No stocks
Wheat germ, dms.....gal.10.00 -13.50
White mineral, tech., 50-65 vis., dms., incl., c.l.gal. .37 - —
l.c.l. .....gal. .40 - .44
65-75 vis., dms., dms. incl., c.l..gal. .38 - —
l.c.l. .....gal. .41 - .45
USP, 80/90 vis., dms., dms. incl., c.l..gal. .40 - —
l.c.l. .....gal. .43 - .47
125/135 vis., dms., dm. incl., c.l..gal. .49 - —
l.c.l. .....gal. .52 - .56
145/155 vis., dms., dms. incl., c.l..gal. .51 - —
l.c.l. .....gal. .54 - .58
175/185 vis., dms., dms. incl., c.l..gal. .52 - —
l.c.l. .....gal. .55 - .59

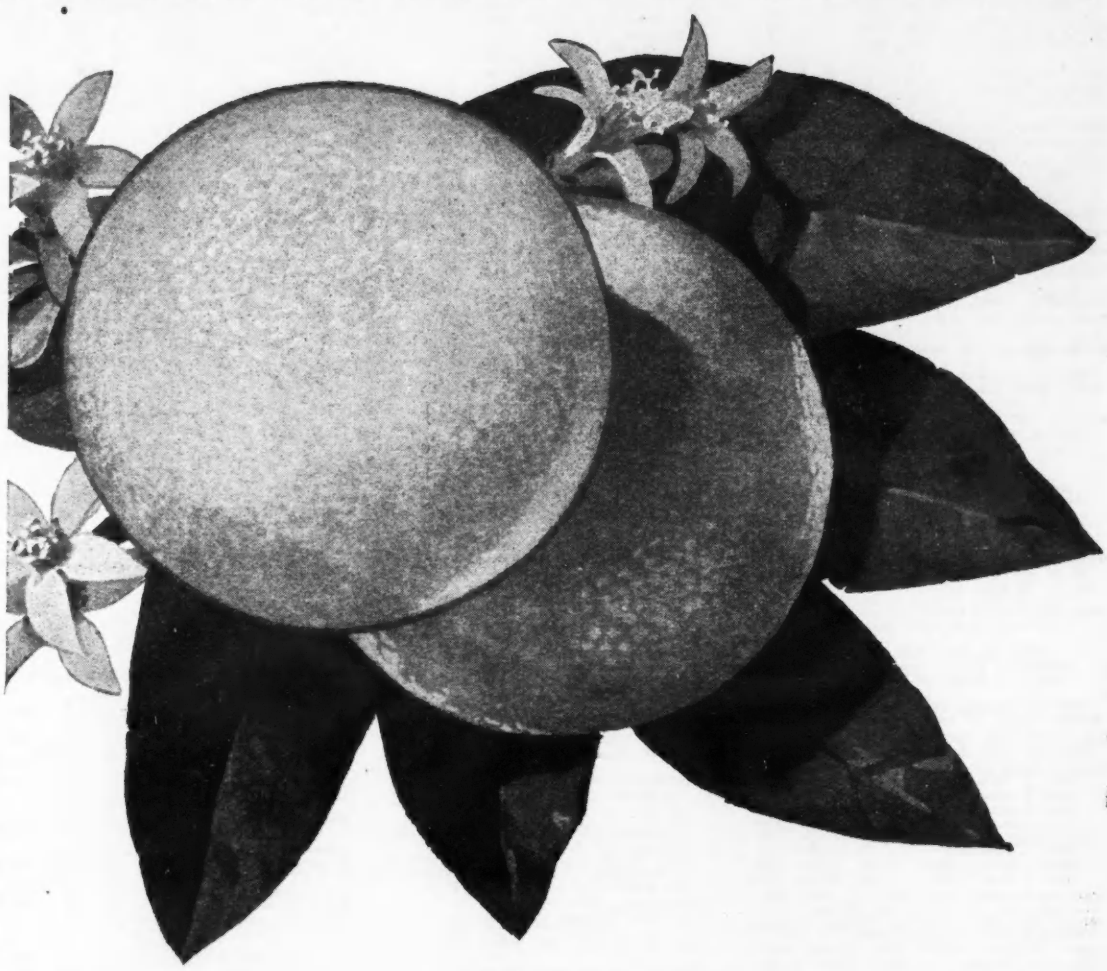
Oil, white, mineral, USP, 200/210 vis., dms., dms. incl., c.l. gal. .50 - —
l.c.l. .....gal. .59 - .63
335/345 vis., dms., dms. incl., c.l..gal. .64 - —
l.c.l. .....gal. .67 - .71
55, 70 and 85 vis., non-ret. dms., San Francisco.gal. .42 - —
smaller lots, same basis, gal. .44 - .47
100 vis., non-ret. dms., 65 dms., San Francisco.gal. .51½- —
100 vis., non-ret. dms., San Francisco, smaller lots, same basis..gal. .53½- .56½
145 vis., non-ret. dms., 65 dms., San Francisco.gal. .59 - —
smaller lots, same basis gal. .61 - .64
180 vis., non-ret. dms., 65 dms., San Francisco.gal. .62½- —
smaller lots, same basis gal. .64½- .67½
340 vis., non-ret. dms., 65 dms., San Francisco.gal. .74 - —
smaller lots, same basis gal. .76 - .79
Wintergreen, natural, North, cns..lb. 5.50 -12.00
South, cns. .....lb. 3.65 - 4.25
synthetic (see Methyl salicylate).
Wood (see Oil, tung).
Wormseed, cns.....lb. 5.00 - 5.35
Wormwood, cns.....lb. 4.85 -10.00
Ylang-ylang, Bourbon, extra, bots..lb.18.50 -24.50
first, bots.....lb.14.50 -18.50
second, bots.....lb.11.00 -14.50
third, bots.....lb. 6.00 - 9.50
Oleostearin,[1,7] dms., Chicago..lb. .1061- —

Olivine, aggregate, c.l., mines.. ton. 7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works..ton. 9.50 - —
lumps, paper bgs., c.l., works. ton. 7.00 - —
spalls, paper bgs., c.l., works.. ton. 5.00 - —
Opium gum, USP, cns., 50-lb. lots. lb.13.00 - —
25-lb. lots.....lb.13.25 - —
smaller lots.....lb.13.50 -13.65

Prices on powd. and gran. USP opium are $1.50 per pound higher.

Orange, cadmium, selenide, bbls., 100-lb. lots, works..lb. 1.50 - —
Dinitroaniliin, toner[1].....lb. 1.05 - —
Molybdate,[1] bbls.....lb. .41 - —
Orthonitroaniliin toner,[1] bbls., kgs., works..lb. .80 - 1.05
Persian,[1] bbls.....lb. .30 - .45
Orange mineral, American, bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .12¼- —
dlvd. Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Colo., Mont., N. M., Wyo.lb. .12½- —
other points.....lb. .12 - —
smaller lots, Ala., etc.lb. .12¾- —
Ariz., etc.....lb. .13¼- —
Colo., Mont., N. M., Wyo..lb. .13 - —
other points.....lb. .12½- —
Orange flowers, cs.....lb. .48 - .50
Orange peel, bitter, Haitian, bgs. lb. .13½- —
sweet, bls.....lb. .14 - .14½

Oregano, Mexican, curly leaf, bgs..lb. .06¾- .09
flat leaf, bgs.....lb. .06¾- .09¾
Orris root, Florentine, bls.....lb. .55 - .56
Verona, bls.....lb. No stocks
Portuguese, bls.....lb. .45 - .47
Orthoamylphenol, dms., works.lb. .25 - —
Orthoanisidin, bbls.....lb. .70 - —
Orthochloraniiin, dms.....lb. .60 - —
Orthochlorophenol, dms.....lb. .25 - .27
Orthocresol,[2] 30.4° C., min., M.P., dms., c.l., works..lb. .17½- .18
l.c.l., works.....lb. .18 - .18¼
29° C. min., M.P., dms., c.l., works..lb. .16½- .17
l.c.l., works.....lb. .17 - .17¼
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .06½- —
Orthodichlorobenzene prices W. of Rockies 1c. per lb. higher.
Orthonitroaniiin, dms.....lb. 43 - .55
Orthonitrobiphenyl, tech., grade A., dms., c.l., works.lb. .10 - —
l.c.l., works.....lb. .11 - —
grade B, dms., c.l., works.lb. .06 - —
l.c.l., works.....lb. .07 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns.. lb. .75 - —
Orthonitrotoluene, dms.....lb. .09 - —
Orthophenetidin, dms.....lb. .82 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange crystals, bbls....lb. .23 - —
extract, No. 1, bbls.....lb. .11 - —
No. 2, bbls.....lb. .10 - —
Ouabaine, USP, bots.....gram. 3.00 - 4.00
Oxyquinolin sulphate, cns., 100 lbs., works..lb. 3.50 - —
small lots, works.....lb. 3.75 - 4.15



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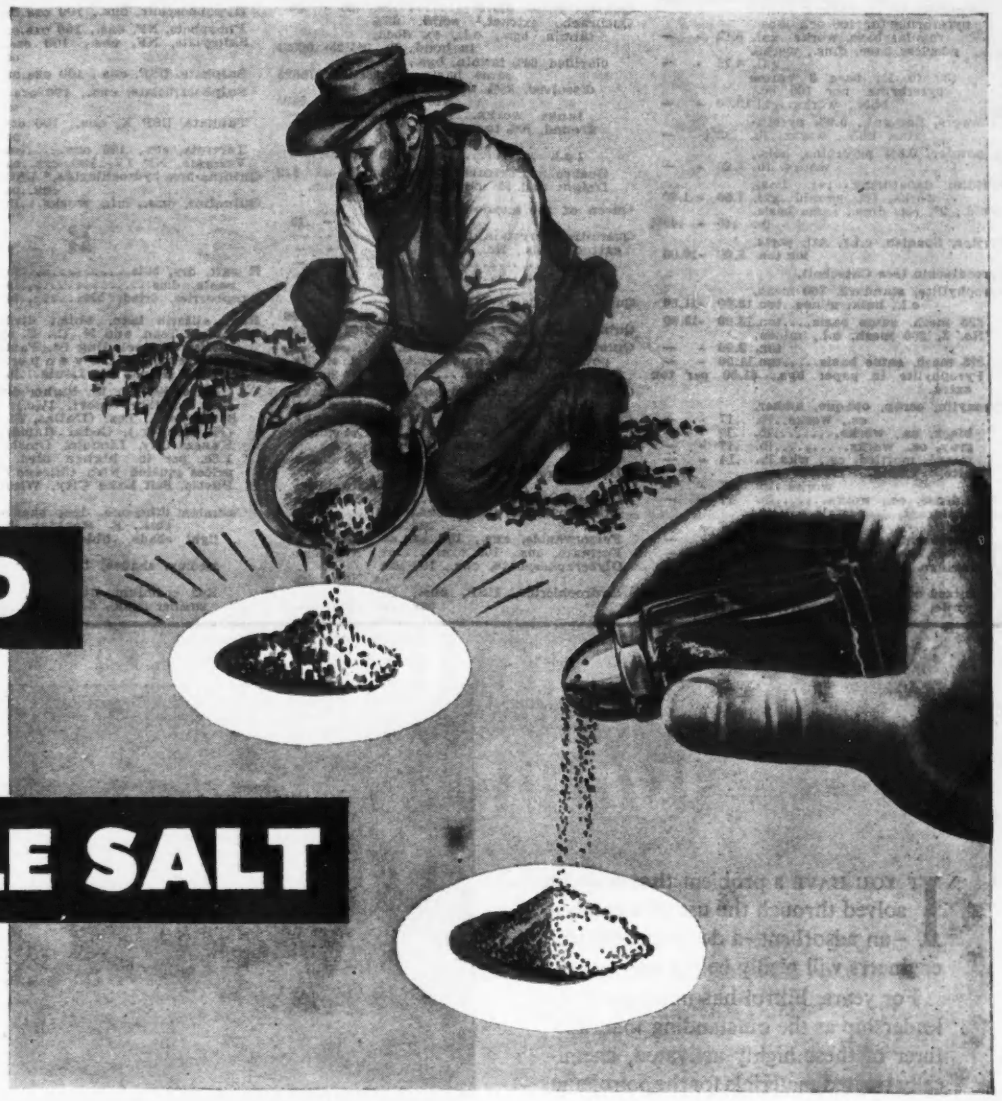
ORANGE
U. S. P.

P

Papain, powd., cs.	lb.	4.50	- 4.75
Papaverine, natural or synthetic, hydrochloride, NF, cns., 100-oz. lots.	oz.	7.00	- —
smaller lots.	oz.	7.05	- 7.35
Sulphate, cns.	oz.	7.10	- 7.35
Paprika,[2] Calif., sweet Caliente, ground, bgs.	lb.	.40	- .41
Chilean, bgs.	lb.	.30½	- .36½
Portuguese, bgs.	lb.	.38	- .42
Spanish, bgs.	lb.	.43	- .44½
Para-aminazin, dms., works.	lb.	.75	- —
Parachlorophenol, dms., c.l., works.	lb.	.24	- —
l.c.l., same basis.	lb.	.25	- .27
Paracresol, bbls., works.	lb.	.41	- —
Paracymene, dms., c.l., works.	lb.	.1595	- —
l.c.l., same basis.	lb.	.1645	- —
tanks, same basis.	lb.	.1545	- —
Paradichlorobenzene, dms., c.l., works.	lb.	.11	- .12
l.c.l., same basis.	lb.	.12½	- .15
Paraffin,[1] crude scale, white or yellow, 124-126 ASTM, bbls., c.l., refinery.	lb.	.04¼	- —
fully ref'd slabs, loose, 117-119 ASTM, c.l., refinery.	lb.	.05	- —
120-122 ASTM, refinery.	lb.	.0520	- —
122-124 ASTM, refinery.	lb.	.0520	- —
125-127 ASTM, refinery.	lb.	.0560	- —
127-129 ASTM, refinery.	lb.	.0585	- —
128-130 ASTM, refinery.	lb.	.0585	- —
130-132 ASTM, refinery.	lb.	.0615	- —
132-134 ASTM, refinery.	lb.	.0640	- —
135-137 ASTM, refinery.	lb.	.0715	- —
140-142 ASTM, refinery.	lb.	.0810	- —
146-148 ASTM, refinery.	lb.	.1050	- —
Prices in bags 4/10c. lb. higher.			
Paraformaldehyde, dms., 1,000 lbs. or more, works.	lb.	.21	- —
smaller lots, works.	lb.	.22	- —
Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l., wks.	lb.	.12	- —
10-gal. dms., works.	lb.	.15	- —
USP, cbys., cns.	lb.	.35	- .45
Paranitroaniln, kgs., works.	lb.	.41	- .43
Paranitrochlorobenzene, kgs., wks.	lb.	.15	- —
Paranitrophenol, kgs.	lb.	.35	- —
Paranitrotoluene, kgs., works.	lb.	.30	- —
Paraphenylenediamine, tech., kgs.	lb.	1.25	- —
Paratoluenesulphonamide, bbls.	lb.	.70	- —
Paratoluidin, bbls., works.	lb.	.43	- —
Paris green,[1] dealer, distributor, dms., kgs., c.l., works, frt. alld.	lb.	.29	- .27
l.c.l., same basis.	lb.	.22	- .23
Passion flower herb, bls.	lb.	.30	- .32
Patchouli leaves, bls.	lb.	.38	- .40
Pectin, bbls.	lb.	1.25	- —
Penicillin,[4,5] ampule, per 100,000 units.		.60	- .75
Pennyroyal leaves, bls.	lb.	.24	- .25
Pentachlorophenol, dms., works,	lb.	.20	- .26
Pentaerythritol, CP, bbls., dlvd.	lb.	.75	- —
smaller containers.	lb.	1.00	- —
tech., bbls., c.l.	lb.	.27	- —
l.c.l.	lb.	.31	- —
Pentane, 28°-38° C., industrial grade, dms., c.l., Group 3.	gal.	.11	- —
l.c.l., dms., Group 3.	gal.	.19	- —
tanks, Group 3.	gal.	.07½	- .07¾
laboratory grade, 10-gal. cns., dlvd. E.	gal.	.55	- —
dms., c.l., Group 3.	gal.	.16	- —
l.c.l., Group 3.	gal.	.29	- —
Pepper, black,[1,7] 15 tons, bgs.	lb.	.15	- .15½
50 to 100 bgs.	lb.	.15¾	- .16¼
25 to 49 bgs.	lb.	.16¼	- .16¾
5 to 24 bgs.	lb.	.16½	- .17
Red, capsicum, Carolina, longs, new crop, bgs., ship't point.	lb.	No stocks	
sports, old crop, bgs.	lb.	No stocks	
Louisiana, sports, bgs.	lb.	No stocks	
long, new crop, bgs., ship't point.	lb.	No stocks	
Chillies, Mexican, bgs.	lb.	.40	- .40½
White,[1,7] bgs., 15 tons.	lb.	.23	- .23½
Peppermint, dom., USP, bls.	lb.	1.20	- 1.25
imported, USP, bls.	lb.	1.50	- 1.55
Perchloroethylene, dms., c.l.,			
Zone 1, works, frt. alld.	lb.	.0772	- .0800
Zone 2, same basis.	lb.	.0832	- .0850
Zone 3, same basis.	lb.	.0892	- .0900
Zone 4, same basis.	lb.	.0974	- .0900
l.c.l., Zone 1, same basis.	lb.	.0882	- .0850
Zone 2, same basis.	lb.	.0882	- .0900
Zone 3, same basis.	lb.	.0932	- .0950
Zone 4, same basis.	lb.	.0926	- .0950
Perchloroethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kansas, La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont., (E) N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.			
Peru balsam, dms.	lb.	1.25	- 1.30
Petrolatum, tech., dark, bbls., c.l., Group 3.	lb.	.021	- —
golden topax, bbls., c.l.	lb.	.032	- —
l.c.l.	lb.	.036	- —
red, veterinarian, bbls., c.l.	lb.	.024	- —
l.c.l.	lb.	.026	- —
USP, amber, non-ref., dms., c.l.	lb.	.03½	- —
l.c.l.	lb.	.04½	- —
extra amber, dms., c.l.	lb.	.03¾	- —
l.c.l.	lb.	.04¾	- —
cream, c.l., dms.	lb.	.05	- —
l.c.l.	lb.	.06½	- —
white, lily, dms., c.l.	lb.	.05¾	- —
l.c.l.	lb.	.07¼	- —
snow, dms., c.l.	lb.	.06½	- —
l.c.l.	lb.	.08	- —
soft, dms., c.l.	lb.	.05¾	- —
l.c.l.	lb.	.06¾	- —
yellow, soft, dms., c.l.	lb.	.03½	- —
l.c.l.	lb.	.04½	- —
Petroleum, crude, bulk, at wells, California, heavy grades.	bbl.	1.03	- 1.08
Illinois	bbl.	1.47	- —
Kentucky, Union County.	bbl.	1.42	- 1.47
Louisiana-Arkansas	bbl.	.96	- 1.30
Oklahoma-Kansas	bbl.	.95	- 1.35
Pennsylvania, lower field.	bbl.	2.98	- 3.10
Upper field	bbl.	1.41	- 2.75
Texas, East	bbl.	1.35	- —
Gulf coast	bbl.	1.16	- 1.98
North, North-Central.	bbl.	1.11	- 1.35
Panhandle	bbl.	.90	- 1.33
West	bbl.	.80	- 1.22
Wyoming	bbl.	.95	- 1.35
Ether, laboratory grade, 30°-60° C., 10-gal. cns., dlvd. E.	gal.	.55	- —
dms., c.l., Group 3.	gal.	.16	- —
l.c.l., same basis.	gal.	.29	- —
35°-60° C., 10-gal., cns., dlvd., E.	gal.	.55	- —
dms., c.l., Group 3.	gal.	.16	- —
l.c.l., same basis.	gal.	.29	- —
Petroleum ether, laboratory grade, 40°-75° C, 10-gal., cns., dlvd., E.	gal.	.55	- —
dms., c.l., Group 3.	gal.	.16	- —
l.c.l., Group 3.	gal.	.29	- —
Fuel oil,[1] furnace, tanks, at refinery, Arkansas, No. 2.	gal.	.04½	- —
No. 3.	gal.	.04	- —
Bayonne, No. 2, tanks.	gal.	.057	- —
California, heavy	bbl.	1.25	- —
light	bbl.	1.30	- —
diesel	gal.	.04¾	- —
range	gal.	.05¾	- —
Group 3, No. 1.	gal.	.04¾	- —
No. 2, straw.	gal.	.04½	- —
No. 3.	gal.	.04	- —
range	gal.	.04½	- —
Kansas, No. 6.	bbl.	1.23	- —
Oklahoma, No. 1, p.w.	gal.	.04¾	- —
No. 1, straw.	gal.	.04½	- —
No. 2, straw.	gal.	.04½	- —
No. 3.	gal.	.04	- —
No. 6.	bbl.	1.18	- —
range	gal.	.04½	- —
Pennsylvania, No. 1.	gal.	.06675	- .06925
No. 2.	gal.	.0625	- .06375
No. 3.	gal.	.0625	- .06375
36-40 gravity.	gal.	.05¾	- .06%
bunker C (No. 6), tanks, Albany, N. Y.	bbl.	1.92	- —
Baltimore, Md.	bbl.	1.72	- —
Boston, Mass.	bbl.	1.705	- —
Charleston, S. C.	bbl.	1.63	- —
Fall River, Mass.	bbl.	1.735	- —
Jacksonville, Fla.	bbl.	1.63	- —
New Haven, Conn.	bbl.	1.735	- —
New York, N. Y.	bbl.	1.72	- —
Norfolk, Va.	bbl.	1.68	- —
Philadelphia, Pa.	bbl.	1.72	- —
Portland, Me.	bbl.	1.705	- —
Portsmouth, N. H.	bbl.	1.705	- —
Providence, R. I.	bbl.	1.735	- —
Savannah, Ga.	bbl.	1.63	- —
Tiverton, R. I.	bbl.	1.735	- —
Wilmington, N. C.	bbl.	1.63	- —
Lacquer diluent, California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles.	gal.	.11	- —
Fort Wells, Wash.	gal.	.12	- —
East Coast, N. J., N. Y., tanks, refinery.	gal.	.11½	- —
Group 3, benzol type, tanks.	gal.	.07⅞	- —
toluol type, tanks.	gal.	.07¾	- —
San Francisco.	gal.	.11¾	- —
Willbridge, Ore.	gal.	.12	- —
Mineral spirits, California, San Francisco, 168-252 b.r., tanks.	gal.	10¼	- —
198-290 b.r., tanks.	gal.	10¼	- —
246-397 b.r., tanks.	gal.	10¼	- —
312-408 b.r., tanks.	gal.	.09	- —
362-458 b.r., tanks.	gal.	.09	- —
East coast, N. J., N. Y., tanks, refinery.	gal.	.10	- —
Group 3, tanks, refinery.	gal.	.06½	- .06⅝
Gulf coast, tanks.	gal.	.06½	- —
tankwagons, Baltimore.	gal.	.1210	- —
Boston	gal.	.12	- —
Bridgeport, Conn.	gal.	.1430	- —
Buffalo	gal.	.1240	- —
Camden, N. J.	gal.	.11	- —
Chicago	gal.	.1150	- —
Detroit	gal.	.1380	- —
Hartford	gal.	.1430	- —
Kansas City, Mo.	gal.	.1280	- —
Lancaster, Pa.	gal.	.12	- —
Milwaukee	gal.	.1240	- —
Minneapolis	gal.	.1220	- —
Newark	gal.	.11	- —
New York	gal.	.11	- —
Philadelphia	gal.	.11	- —
Pittsburgh	gal.	.125	- —
Providence	gal.	.13	- —
Rochester	gal.	.1320	- —
St. Louis	gal.	.1370	- —
Syracuse	gal.	.14	- —
Washington, D. C.	gal.	.125	- —
Wilmington, Del.	gal.	.11	- —
Naphtha, cleaners, California, tanks, San Francisco.	gal.	.12	- —
East coast, N. J., N. Y., tanks.	gal.	.11	- —
Group 3, tanks, refinery.	gal.	.07½	- .07½
tankwagon, Newark.	gal.	.12	- —
Bridgeport	gal.	.1730	- —
Chicago	gal.	.1380	- —
Detroit	gal.	.13	- —
Milwaukee	gal.	.1440	- —
Minneapolis	gal.	.1420	- —
New York.	gal.	.12	- —
Philadelphia	gal.	.11	- —
Pittsburgh	gal.	.125	- —
Providence	gal.	.13	- —
Rochester	gal.	.1320	- —
St. Louis.	gal.	.1370	- —
Syracuse	gal.	.14	- —
Washington, D. C.	gal.	.125	- —
Wilmington, Del.	gal.	.11	- —
Stoddard (CS 8-53), at refinery:—			
California (San Francisco), tanks.	gal.	.11	- —
East Coast, N. J., N. Y., tanks.	gal.	.10	- —
Group 3, tanks.	gal.	.06¾	- —
Pennsylvania, western, tanks.	gal.	.07⅛	- .07½
Petroleum solvent, Stoddard, tankwagon, Baltimore.	gal.	.13	- —
Boston	gal.	.12	- —
Chicago	gal.	.13½	- —
Detroit	gal.	.1580	- —
Milwaukee	gal.	.1440	- —
Minneapolis	gal.	.1420	- —
Newark	gal.	.11	- —
New York.	gal.	.11	- —
Philadelphia	gal.	.11	- —
Pittsburgh	gal.	.12½	- —
St. Louis	gal.	.1370	- —
Syracuse	gal.	.14	- —
Toluol, tanks, dlvd. E.	gal.	.27	- —
Xylol, tanks, dlvd. E.	gal.	.26	- —
Sulphonates, 68% sulphonic content, ret. dms., c.l., works.	lb.	.09¾	- —
l.c.l., works.	lb.	.09¾	- .10⅜
tanks, works.	lb.	.09¼	- —
50% sulphonic content, ret. dms., c.l., works.	lb.	.09¾	- —
l.c.l., works.	lb.	.09¾	- .10⅜
tanks, works.	lb.	.09¼	- —
Phenobarbital, cns.	lb.	3.60	- 3.70
dms., 100 lbs.	lb.	3.50	- —
Phenol, 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald.	lb.	.10	- —
l.c.l., same basis.	lb.	.10¾	- —
tanks, same basis.	lb.	.09	- —
82-84% (cresol, 16-18%), dms., c.l., same basis.	lb.	.09¾	- .10¼
l.c.l., same basis.	lb.	.10½	- —
tanks, same basis.	lb.	.08¾	- .09¼
USP, dms., c.l., same basis.	lb.	.10½	- —
l.c.l., same basis.	lb.	.11¼	- —
tanks, same basis.	lb.	.09½	- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs.	lb.	.85	- —
smaller lots.	lb.	.87	- .92
Yellow, fib, dms., 2,000 lbs.	lb.	.80	- —
smaller lots.	lb.	.82	- .87
Phenothiazin, NF, fib, dms., 2,000 lbs.	lb.	.45	- —
smaller lots.	lb.	.54	- —
Phenylacetaldehyde, solution, 50%, bots.	lb.	2.45	- 2.50
100%, bots.	lb.	4.00	- 5.00
Phenylethyl acetate, dms.	lb.	2.15	- 2.70
Phenylethylphenyl acetate, bots.,	lb.	5.85	- 7.50
Phenylhydraxin, base, CP, bots.	lb.	4.85	- —
Hydrochloride, CP, bots., works.	lb.	7.10	- —
commercial, kgs., works.	lb.	1.75	- —
Phloroglucinol, CP, fib, dms.	lb.	13.75	-14.75
tech., fib, dms.	lb.	12.00	-12.55
Phosgene, ton lots, works.	lb.	.19	- —
Phosphate, defluorinated (see Fodder D).			
Phosphate rock,[1] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., bulk, car at mine, c.l.	long ton.	2.20	- —
70%-65%, same basis.	long ton.	2.60	- —
72%-70%, b.p.l., same basis.	long ton.	3.20	- —
75%-74%, b.p.l., same basis.	long ton.	4.20	- —
77%-76%, b.p.l., same basis.	long ton.	5.20	- —
entirely pebble, 50c. per ton higher than above prices.			
finely ground, 65.5% b.p.l., 30% P_2O_5 minimum.	short ton.	3.15	- —
68%, basis 31% P_2O_5 minimum.	short ton.	3.35	- —
70%, basis 32% P_2O_5 minimum.	short ton.	3.70	- —
Tenn., brown, unground, run-of-mine, 70-68% b.p.l., 5% l. & a., same basis.	long ton.	5.30	- —
72%-70% b.p.l., 5½% l. & a., same basis.	long ton.	5.80	- —
refinery, ground, 29% P_2O_5, same basis.	long ton.	4.95	- —
30% P_2O_5, same basis.	long ton.	5.15	- —
31% P_2O_5, same basis.	short ton.	5.25	- —
32% P_2O_5, same basis.	short ton.	5.50	- —
33% P_2O_5, same basis.	short ton.	6.00	- —
Phosphorus, red, amorphous, cs.	lb.	.40	- .44
tins, export.	lb.	.55	- —
yellow, cns.	lb.	.23	- .25
dms., c.l.	lb.	.14½	- —
Oxychloride, dms., c.l.	lb.	.10½	- —
l.c.l., dms.	lb.	.12½	- .15
Pentoxide, dms., c.l., works.	lb.	.11	- .12
l.c.l., works.	lb.	.13	- .14
Sesquisulphide, cs.	lb.	.38	- .42
Trichloride, dms., c.l.	lb.	.10½	- —
l.c.l.	lb.	.12½	- .15
Phthalamide, bbls., works.	lb.	.35	- .40
kgs., works.	lb.	.45	- .50
Phthalic anhydride, bgs., bbls., c.l., works, frt. alld. E. of Denver.	lb.	.13	- —
l.c.l., same basis.	lb.	.14	- —
Pichi leaves, bgs.	lb.	.07	- .08
Picoline (see Alphapicoline and Betapicoline).			
Picrotoxin, bots.	oz.	6.00	- —
Pilocarpine hydrochloride, USP, bots., vis.	oz.	3.75	- 5.10
Nitrate, bots., vis.	oz.	3.65	- 5.00
Pimento,[1] Jamaica, bgs.	lb.	.24½	- .25
Pinetar, retort, dms., incl., c.l., works.	gal.	.31	- —
l.c.l., works, dms. incl.	gal.	.32	- —
tanks, dlvd. E.	gal.	.27	- —
Pinkroot, bls.	lb.	1.10	- 1.15
Piperazine hexahydate, bots.	lb.	16.00	- —
Pitch, burgundy (see B).			
Coaltar, 160° m.p., bbls., c.l., works.	ton.	19.00	- —
l.c.l., works.	ton.	22.00	- —
Cottonseed, dms., works.	lb.	.04	- .06
Hardwood, paper bgs., works.	lb.	.03½	- —
Linseed, dms.	lb.	.05	- .05½
Petroleum (see Asphaltum, Mexican, Texas).			
Pitch, pine, dms.	100 lbs.	6.50	- —
stands, 200 lbs.	stand.	6.00	- —
Soybean, dms., works.	lb.	.04	- .06
Plaster of paris (see Gypsum).			
Podophyllin, dms.	lb.	10.50	-10.70
Poke root, bls.	lb.	.19	- .20
Polystyrene, plain colors, dms., 50,000 lbs., works, frt. alld.	lb.	.32	- —
20,000 lbs., frt. alld.	lb.	.33	- —
smaller lots, frt. alld.	lb.	.34	- .36
Water-clear, polystyrene, 7c. per lb. less than plain colors.			
Pomegranate, root bark, bgs.	lb.	.75	- .76
Poppy flowers, bls.	lb.	.60	- .70
Seed, Argentine, bgs.	lb.	.33	- .34
Dutch	lb.	.36	- .36½
Indian, white, bgs.	lb.	No stocks	
Swedish, bgs.	lb.	.31	- .31½
Turkish, bgs.	lb.	.32	- .32½
Potash abietate.	lb.	.06	- —
Acetate, USP, dms.	lb.	.26	- —
Arsenite, USP, solut., cbys., djns.	lb.	.13	- .15
Potash bicarbonate, USP, cryst., gran., bbls., dms.	lb.	.10	- .21
Bichromate,[1] bgs., c.l., works.	lb.	.10	- —
l.c.l., works.	lb.	.10¼	- .10⅝
Potash biohromate in bbls. ¼c. higher.			
Borate, gran., bbls., N. Y. or Chi.	lb.	.1615	- —
Bromide, USP, gran., 500-lb. bbls., dms.	lb.	.25	- —
100-lb. kgs.	lb.	.30	- —
Carbonate, calcined, bbls., c.l., works.	lb.	.06½	- —
l.c.l., same basis.	lb.	.06¾	- —
hydrated, 83-85%, bbls., c.l., works.	lb.	.05½	- —
dms., l.c.l., same basis.	lb.	.05¾	- —
USP, gran., bbls., dms.	lb.	.14	- .20
powd., bbls., dms.	lb.	.19	- .21
Caustic, low-chloride, 90% basic, flake, dms., c.l., works	100 lbs.	9.31	- —
l.c.l., works.	100 lbs.	9.68½	- —
liquid, dms., c.l., works.	100 lbs.	8.56	- —
l.c.l., works.	100 lbs.	8.85½	- —
tanks, works.	100 lbs.	8.06	- —
solid	100 lbs.	8.56	- —
l.c.l., works.	100 lbs.	8.93½	- —
regular, flake, 88-92%, dms., c.l., works.	lb.	.07	- —
l.c.l., works.	lb.	.07¼	- .07½
liquid, 45% basis, dms., c.l., works, frt. alld.	lb.	.03½	- —
l.c.l., same basis.	lb.	.03¾	- .03½
tanks, same basis.	lb.	.02¾	- —
solid, 88-92%, dms., c.l., works.	lb.	.06¼	- —
l.c.l.	lb.	.06½	- .06¾
Chromate, bgs.	lb.	.24	- .28
Chlorate,[1] cryst., kgs., c.l., works.	lb.	.11	- .11¾
l.c.l., works.	lb.	.119	- .13
powd., dms., kgs., c.l., works.	lb.	.09¾	- —
l.c.l., works.	lb.	.119	- .13
export, 1 to 10 tons, kgs., ex whse.	lb.	.16	- .18
Chloride, tech., cryst., 98%, bgs., kgs.	lb.	.08	Nom.
Citrate, USP, gran., bbls., dms.	lbs.	33½	- .33½
powd., 3c. per lb. higher.			
Cyanide, dms., works.	lb.	.55	- —
Fluoride, bbls.	lb.	.34	- .40
Glycerophosphate, 75% solution, cns., cbys.	lb.	1.65	- 1.67
dms., 1,000-lb. lots.	lb.	1.50	- —
100-lb. lots.	lb.	1.60	- —
Guaiacolsulphonate, NF, dms.	lb.	1.65	- 1.75
Hydroxide, USP, sticks, dms.	lb.	.34	- .36
Hypophosphite, cns.	lb.	.72	- .75
Iodate, bots., 5 lbs.	lb.	3.40	- —
cns., 25 lbs.	lb.	3.35	- —
Iodide, bots., cns.	lb.	1.44	- 1.48
dms.	lb.	1.35	- 1.38
Manure salt, 22% K_2O, Carlsbad, N. M.	unit-ton.	.20	- —
25% K_2O, same basis.	unit-ton.	.21	- —
Metabisulphite, gran., bbls.	lb.	.19	- .21
powd., bbls.	lb.	.25	- —
Muriate, dom., 60-62-63% K_2O, bulk, ex-vessel, ports.	unit-ton.	.53½	- —
granular, 50 - 52% K_2O.	unit-ton.	.53½	- —
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal.; 5c. per unit of K_2O less than ex vessel price at Pacific coast ports.			
Nitrate (see Saltpeter).			
Oxalate, neutral pure, gran., bbls., dms.	lb.	.37	- .50
tech. fine gran., bbls., dms.	lb.	.28	- .31
Perchlorate, kgs., works.	lb.	.09¾	- .11
Permanganate, tech., dms., works.	lb.	.19¾	- .20¼
USP, dms., works.	lb.	.20½	- .21
Persulphate, dms., c.l., works,	lb.	.16	- —
l.c.l., same basis.	lb.	.20	- —
Prussiate, red, kgs.	lb.	.50	- .55
Yellow, bbls.	lb.	.16	- .17
Ricinoleate, tech., bbls.	lb.	.18	- —
Silicate, glass, bgs., c.l., works.	ton.	200.00	- —
l.c.l.	100 lbs.	15.25	- —
solution, 29° Be, ret. drums, c.l., works.	100 lbs.	4.25	- —
l.c.l., 5 or more, works.	100 lbs.	5.00	- —
1-4, works.	100 lbs.	5.50	- —
32° Be, ret. dms., c.l., works.	100 lbs.	4.75	- —
l.c.l., 5 or more, works.	100 lbs.	5.50	- —
1-4, works.	100 lbs.	6.00	- —
40.5° Be, ret. dms., c.l., works.	100 lbs.	5.75	- —
l.c.l., 5 or more, works.	100 lbs.	6.50	- —
1-4, works.	100 lbs.	7.00	- —
Sulphate, NF, gran.	lb.	.14	- .20
powd., bbls.	lb.	.15	- .21
tech., dom., bulk,[6] basis 90-96% K_2SO_4, min. 90% ex vessel Atlantic or Gulf ports.	ton.	36.25	- —
Sulphocyanide, cryst., N.F., dms.	lb.	.62	- .70
Tricyanate (see Potash sulphocyanide)			
Xanthate, dms., c.l.	lb.	.12	- —
Potash-gold cyanide, 41% gold, bots., works.	oz.	14.20	-14.95
Potash-magnesia sulphate,[6] bulk, min., 40% K_2SO_4, 18.50% MgO, ex vessel, ports.	ton.	26.00	- —
Potash-soda ferricyanide, kgs., works.	lb.	.40	- .48
Potash-titanium oxalate, bbls., dms.	lb.	.45	- .50
Prickly ash bark, bls.	lb.	.40	- .45
Berries, bgs.	lb.	.20	- .21
Prince's pine herb, bls.	lb.	.50	- .65
Procaine hydrochloride, cns., 100-lb. lots.	lb.	4.00	- —
smaller lots.	lb.	4.25	- 4.75
Propane,[1] industrial grade, tanks, Group 3.	gal.	.03¾	- —
Propyleneglycol, dms., c.l., frt. alld. in E.	lb.	.15½	- —
l.c.l., same basis.	lb.	.16½	- —
tanks, same basis.	lb.	.14½	- —
Psyllium seed (see Fleaseed).			
Pulsatilla, bls.	lb.	.60	- .65
Pumice,[1] grd., fine, bgs., ton lots.	lb.	.03¾	- —
smaller lots.	lb.	.03¾	- .04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots.	lb.	.03¾	- —
smaller lots.	lb.	.03¾	- .04¼
Chi., ton lots.	lb.	.04½	- —
Pumice in bbls. is ½c. per lb. higher.			
Pumpkin seed, bgs.	lb.	.27	- .28
Purple lake (see Red).			
Putty, com'l, dms.	100 lbs.	3.15	- —
linseed oil, raw, dms.	100 lbs.	5.00	- —
refined, dms.	100 lbs.	5.50	- —
standard, dms.	100 lbs.	4.20	- —

IF IT'S MADE WITH GOLD OR TABLE SALT



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MANUFACTURING CHEMISTS SINCE 1833

Pyrethrum,[1] concentrate, dewaxed, 20% for aerosol bombs, dms., works..lb. 9.25 - 9.30
liquid (20 to 1), basis 2 grams pyrethrins for 100 cc., dms., regular base, works..gal. 6.65 - —
odorless base, dms., works. gal. 6.75 - —
(30 to 1), base 3 grams pyrethrins, per 100 cc., bbls., works..gal.10.00 - —
Flowers, fine-grd., 0.9% pyrethrins, bbls., works..lb. .33½- —
powder, 0.5% pryethins, bbls., works..lb. .23 - —
Pyridin, denaturing, ret. dms., works, frt. equald..gal. 1.85 - 1.90
refd., 2°, rot. dms., same basis. lb. .45 - .45½
Pyrites, Spanish, c.l.f. Atl. ports. ton ton. 8.00 -10.00
Pyrocatechin (see Catechol).
Pyrophyllite, standard, 200 mesh, c.l., bulk, mines..ton.10.00 -11.50
325 mesh, same basis....ton.12.00 -13.00
No. 3, 200 mesh, c.l., mines. ton. 9.50 - —
325 mesh, same basis.....ton.11.50 - —
Pyrophylite in paper bgs., $1.50 per ton extra.
Pyroxylin, scrap, opaque, amber, cs., works..lb. .17 - —
black, cs., works.....lb. .17 - —
gray, cs., works.....lb. .17 - —
mixed, mottled, cs., wks.lb. .14 - —
white, China, ivory, cs., works..lb. .17 - —
dense, cs., works.....lb. .17 - —
translucent, pastels, cs., works..lb. .17 - —
transparent, cs., works....lb. .19 - —
colors, cs., works.....lb. .17 - —
shavings, amber, cs., works.. lb. .17 - —
mixed colors, cs., works..lb. .14 - —
white, cs., works.....lb. .17 - —

Q

Quassia chips, bls.....lb. .08 - .09
Quebracho extract,[1] solid, 65% tannin, bgs., c.l., ex dock, in bond..lb. .063125- .06625
clarified, 64% tannin, bgs., c.l., same basis..lb. .068125- .070625
dissolved, 35% tannin, bbls., works..lb. .04875- .0505
tanks, works.....lb. .04075- —
ground, 70% tannin, bgs., c.l. lb. .089 - —
l.c.l. .....lb. .0915- —
Quebracho extract prices based on $12 freight and $1 insurance per long ton.
Queen of the meadow root, bgs. lb. .12 - .15
Quercitron, crystals, bbls.....lb. .26 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. 18½- —
Quicksilver, flasks (76 lbs. net).. flask.102.00 -164.00
Quince seed, bgs.....lb. 1.30 - 1.75
Quinidine,[4] NF V, cryst., cns.oz. No stocks
powd., precip., cns.....oz. No stocks
Sulphate, USP, cns.....oz. No stocks
Quinine,[4] NF, cns., 100 ozs...oz. No stocks
Acetate, cns., 100 ozs.....oz. No stocks
Arsenate, cns., 100 ozs.....oz. No stocks
Asenite, cns., 100 ozs.....oz. No stocks
Bisulphate, USP, cns., 100 ozs. oz. No stocks
Dihydrobromide, bots., 50 ozs.. oz. No stocks
Citrate, cns., 100 ozs.....oz. No stocks
Ethylcarbonate, USP, cns., 100 ozs..oz No stocks
Ferrocyanide, cns., 100 ozs.oz. No stocks
Formate, cns., 100 ozs.....oz. No stocks
Glycerophosphate, cns., 100 ozs. oz. No stocks
Hydrochloride, USP, cns., 100 ozs..oz. .89½- —
Quinine hydrochlorosulphate, cns., 100 ozs..oz. No stocks
Hydroiodide, cns., 100 ozs..oz. No stocks
Hypophosphite, cns., 100 ozs.oz. No stocks
Phosphate, NF, cns., 100 ozs.oz. No stocks
Salicylate, NF, cns., 100 ozs., oz. No stocks
Sulphate, USP, cns., 100 ozs.oz. 80½- —
Sulphocarbolate, cns., 100 ozs.. oz. No stocks
Tannate, USP X, cns., 100 ozs. oz. No stocks
Tartrate, cns., 100 ozs.....oz. No stocks
Valerate, NF IV, 100 ozs...oz. No stocks
Quinine-urea hydrochloride,[4] USP. cns..oz. No stocks
Quinoline, dms., c.l., works...lb. .94½- .50

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. 1.75 - 1.80
Red, alizarin laze, bbls., divd. N. of Tenn. and N. C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis...lb. 1.10 - 1.00
Prices ½c. per lb. higher divd. Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.) (El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher divd. Pacific Coast prices equaled with Chicago divd. Denver, Pueblo, Salt Lake City, Wichita.
Cadmium lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .90 - —
Red cadmium lithopone, all shades, in smaller pgks., 5c. per lb. higher.
Red, cadmium, orange (see Orange).
Selenide, dark, bbls., works. lb. 2.50 - —
light, same basis.....lb. 2.30 - —
Carmine, No. 40, dms., 100-lb. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 5.25
Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, coaltar).
Rosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works.lb. .85 - —
Indian, dom., pure, bbls., Bethlehem, Easton, E. St. Louis, N. Y..lb. .09½- —
80-85%, bbls., same basis.lb. .09¾- —
imp., English, all shades..lb. .12 - —
Iron oxide, pure, bbls.....lb. .09 - .09¾
reduced, 85%, copperas oxide, bbls., l.c.l., Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .085 - .094
Lacquer, maroon, bbls., whs. lb. 1.25 - —
Lake C toner, alizarin, bbls., works..lb. .90 - —
Lithol toner, alizarin, lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .26
Rose lake, bbls., works....lb. .25 - .28
Lithol-rubin toner, alizarin lake, bbls.. works..lb. 1.10 - —
Maroon, alizarin lake 25% kgs., works..lb. .40 - —
Cadmium, bbls., works.....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide, tech., bbls., 10,-000 lbs., works..lb. 2.60 - —
smaller lots, works...lb. 2.62 - —
Metallic, bbls., works.....lb. .62 - —
Oxide (see Red, iron oxide).
Para toner, concent., alizarin lake, kgs., works..lb. .70 - —
Persian (see Orange).
Phloxin toner (see Red, eosin toner).
Phosphotungstic, rhodamine, Y, kgs., works..lb. 4.45 - —
Purple lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 Nom.
Spanish oxide, grade 1, c.l., bbls..lb. .04¾- .07¾
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
MNPT maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., whs....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03½- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.50 - 2.65
Red precipitate, NF, powd., fib. dms..lb. 2.77 - 2.79
Red saunders wood grd., bbls.lb. .35 - —
Resorcinol, tech., dms., works.lb. .64 - .74
USP cryst., dms. frt. alld..lb. 1.60 - —
Rhatany root, bgs.....lb. .13 - .14
Rhubarb, whole, cs.....lb. .70 - .71
powd., bbls.....lb. .80 - .81
Riboflavin, bots.....kilo.200.00 - —
Rice bran concentrate, dms., Cedartown, Ga., or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, gran. powd., bbls., 5,000 lbs., 1 ship't..lb. .38½- —
smaller lots.....lb. .39 - .42
Rose flowers, pale, bls.....lb. .44 - .45
Rosemary flowers, bls.....lb. 1.55 - 1.65
Leaves, Portuguese, bls.....lb. .06½- .00
Spanish, bls.....lb. .13 - .13½
Rosin, gum,[1]—
B, dms., c.l.....100 lbs. 6.67 - 6.70½
D, dms., c.l.....100 lbs. 6.74 - 6.77½
E, dms., c.l.....100 lbs. 7.27 - 7.30½
F, dms., c.l.....100 lbs. 7.37 - 7.40½
G, dms., c.l.....100 lbs. 7.41 - 7.44½
H, dms., c.l.....100 lbs. 7.43 - 7.46½
I, dms., c.l.....100 lbs. 7.43 - 7.46½
K, dms., c.l.....100 lbs. 7.47 - 7.50½
M, dms., c.l.....100 lbs. 7.49 - 7.52½
N, dms., c.l.....100 lbs. 7.68 - 7.68½
W.G., dms., c.l.....100 lbs. 7.99 - 7.98½
W.W., dms., c.l.....100 lbs. 8.17 - 8.20½
X, dms., c.l.....100 lbs. 8.17 - 8.20½
Wood,[1] B (resin), dms., c.l., works..100 lbs. 3.00 - —
FF, dms., c.l., works.100 lbs. 4.50 - —
G, H, I, dms., c.l., works.. 100 lbs. 4.95 - —
K, dms., c.l., works..100 lbs. 5.00 - —
M, dms., c.l., works..100 lbs. 5.05 - —
N, dms., c.l., works..100 lbs. 5.15 - —
WG, dms., c.l., works.100 lbs. 5.25 - —
WW, X, dms., c.l., works.. 100 lbs. 5.40 - —
Rotenone,[1] bbls., works.....lb.10.90 -12.50
extract, liq., dms., works.... per unit. 1.05 - —
powder (see Cube root).
Rottenstone,[1] bgs., c.l., mines.. ton.25.50 - —
l.c.l., mines.....ton.27.50 - —
Rue, bls.....lb. .45 - .50

S

Sabadilla seed, powd., bbls....lb. .45 - .48
Saccharin,[1] soluble and insoluble, 1,000 lbs. and up..lb. 1.30 - 1.35
smaller lots.....lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. 1.60 - 1.65
Spanish, NF, tins.....lb.42.00 -45.00
Safrol, cns.....lb. .90 - .92
Sage, Calif., leucophylia, bgs., Pacific coast..lb. .30 - .31
Cyprus, good, bls.....lb. .23 - .23½
fair, bls., futures.....lb. .18½- .19
Dalmatian, bls. .....lb. .34 - .35
Greek, bls. .....lb. .29 - .29½
Palestine, bls. .....lb. .16 - .16½
Spanish, bls. .....lb. .14 - .14½
Washington, Dalmatian-type, bls..lb. .41 - .42
Sago flour, bgs.....lb. No stocks
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Saligenin, dms.....lb.15.00 -20.00
Salol, gran., bbls., kgs.....lb. .90 - —
fib. dms.....lb. .92 - .96
Powdered salol, 10c. higher.
Salt, rock, bgs., c.l.....ton.14.20 - —
l.c.l., bgs.....ton.17.20 -18.00
vacuum, common, fine, bgs., c.l..ton.15.70 - —
l.c.l. .....ton.19.00 -20.20
Saltcake, dom., bulk, works..ton.15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 ton lots..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 ton lots.. 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60

IF YOU HAVE a problem that may be solved through the use of a catalyst—an adsorbent—a desiccant—Filtrol* engineers will gladly help you.

For years, Filtrol has maintained its leadership as the outstanding manufacturer of these highly activated, chemically treated materials for the petroleum industry, the fatty oil refiner, the drying of liquids and gases, and in protective packaging.

With vast new markets opening up to American business, based on the scientific advancements made during the war, we will gladly help you with our knowledge and manufacturing "know how" in the field of catalysts, adsorbents and desiccants.

THE FILTROL CORPORATION
General Offices: 634 South Spring Street, Los Angeles 14, California • Plants: Vernon, Calif., and Jackson, Mississippi

PRODUCT OF Filtrol*

CATALYSTS • ADSORBENTS • DESICCANTS
RESEARCH AND DEVELOPMENT
*Reg. U.S. Pat. Off.

Sanguinarine nitrate, bots....oz.	3.75	-	—
Santonin, cryst., powd., cns.kilo.	170.00	-	185.00
Saponin, No. 1, cns.....lb.	1.75	-	1.90
No. 2, cns.....lb.	1.40	-	—
Sarsaparilla root, dom., bls..lb.	.45	-	.50
Honduras, bls.....lb.	.45	-	.47
Mexican, bls.....lb.	.32	-	.33
Sassafras bark, crd., bls.....lb.	.45	-	.50
select, bls.....lb.	.65	-	.75
Savory, Calif., bls.....lb.	.75	-	.76
Spanish, bls.....lb.	.22	-	.22½
Saw palmetto berries, bgs....lb.	.20	-	.21
Scammony resin, lump, cns...lb.	1.30	-	—
powd., cns.....lb.	1.35	-	—
Root, bgs.....lb.	.09	-	.10
Schaeffer's salt, bgs.....lb.	.46	-	—
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb.	.20½	-	—
smaller lots.....lb.	.21½	-	—
kegs, 5,000 lbs., 1 shipm't..lb.	.21½	-	—
smaller lots.....lb.	.21½	-	—
Selenium, pwd., cns., 10 lb. lots.. lb.	1.35	-	—
cs., 1,000 lb. lots.....lb.	1.75	-	—
Senega root, bls.....lb.	2.50	-	2.60
Senna, Alex., half-leaf, bls....lb.	.20	-	.21
siftings, bgs.....lb.	.19	-	.19
Tinnevelly, No. 1, bls.....lb.	.18	-	.19
2, bls.....lb.	.16	-	.17
3, bls.....lb.	.15	-	.16
powd., bbls., bgs.....lb.	.16	-	.17
Pods, bls.....lb.	.12	-	.14
Serpentaria root, bls.....lb.	2.25		Nom.
Shellac,[1] bleached, bonedry, bbls., 1,000-lb. lots..lb.	.42½	-	—
Boston .....lb.	.43½	-	—
Chicago .....lb.	.44	-	—
Pacific coast.....lb.	.46	-	—
refined, bbls., 1,500-lb. lot. lb.	.48½	-	—
Boston .....lb.	.49½	-	—
Chicago .....lb.	.50	-	—
Pacific coast.....lb.	.52	-	—

Bonedry shellac sales of less than 1,500 lbs., at following additions to maximum prices: (1) packed in bgs., ¾c. per lb.; (2) bbls., 1c. more; (3) kgs., 2c. more.

D. C., V.S.O., Diamond I, 100 bgs..lb.	.4660	-	—
Garnet, 100 bgs.....lb.	.3890	-	—
Superfine, 100 bgs., Boston, N. Y..lb.	.3960	-	—
Chicago .....lb.	.3710	-	—
Pacific coast.....lb.	.3940	-	—
TN, 100 bgs., Boston, N. Y.lb.	.3550	-	—
Chicago .....lb.	.3600	-	—
Pacific coast.....lb.	.3805	-	—

Shellac in cs., 2c. higher. Shellac sales 1 bg. or 1 cs., 3c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.

Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill. works..ton.	17.00	-	—
l.c.l., works.....ton.	20.00	-	—
400 mesh, bgs., c.l., works..ton.	18.00	-	—
l.c.l., works.....ton.	19.00	-	20.00
wet-grd., 325 mesh, bgs., c.l., works..ton.	18.00	-	—
l.c.l., same basis....ton.	21.00	-	—
400 mesh, bgs., c.l., works. ton.	30.40	-	—
l.c.l., works.....ton.	35.00	-	38.00
96%-98%, 325 mesh, bgs., c.l., wks..ton.	20.00	-	—
l.c.l., works.....ton.	21.50	-	23.00
99%, 325 mesh, bgs., c.l., works..ton.	20.00	-	—
l.c.l., works.....ton.	22.00	-	25.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., works.....ton.	15.50	-	—
l.c.l., works.....ton.	18.50	-	—
140 mesh, bgs., c.l., works, ton.	11.00	-	—
l.c.l., works.....ton.	16.00	-	—
Silicon tetrachloride, tech., dms., c.l., works..lb.	.15½	-	—
l.c.l., works.....lb.	.16½	-	.27
Silver bullion.....os.	.71111		—
Cyanide, cns., 100 ozs.....oz.	.41½	-	—
Nitrate, cns., 100 ozs., bots., 2,500-oz. lots..oz.	.47	-	—
1,000-oz. lots.....oz.	.47¾	-	—
smaller lots.....oz.	.47½	-	.47¾
Nucleinate, USP, bots., dms.. oz.	.36	-	.41
Proteinate, USP, bots., dms..oz.	.288	-	.338
Simarubra bark, bls.....lb.	.55	-	.60
Skullcap, Eastern, bls.....lb.	.60	-	.65
Western, bls. .....lb.	.30	-	.35
Skunk cabbage root, bls.....lb.	.45	-	.50
Slate flour, bgs., c.l., works.ton.	11.00	-	12.00
l.c.l., works.....ton.	12.00	-	13.00
Sloe berries, bgs.....lb.	.40	-	.41
Smalt, black, ctns.....lb.	.05	-	.06
Blue, ctns.....lb.	.07	-	.08½
Snakeroot, Canada, bls.....lb.	.65	-	.70
Soapbark, bls.....lb.	.22	-	.30
crushed, bls., bbls.....lb.	.34	-	.35
cut, dom., bls., bbls.....lb.	.34	-	.35
imp., bbls.....lb.	No stocks		
powd., bbls.....lb.	.32	-	.33
Soda acetate, anhyd., dms., divd. lb.	.08½	-	.10
NF, cryst., bbls., kgs.....lb.	.14	-	.16
tech., 60%, l.c.l., divd.....lb.	.05½	-	.06
Alginate, refined, water-soluble, bbls., works..lb.	.79	-	—
semi-refined, bbls., works..lb.	.42	-	—
white, powd., dms.....lb.	1.50	-	1.60
Aluminate, for water treat., bgs., c.l., works..100 lbs.	7.50	-	—
l.c.l., works.....100 lbs.	8.40	-	—
other uses, bgs., c.l., works.. 100 lbs.	7.00	-	—
l.c.l. .....100 lbs.	7.50	-	8.00
Antimoniate, bbls., divd.....lb.	.16	-	.16½
Arsenate, dms., dealers, c.l., works..lb.	.09½	-	—
l.c.l., works.....lb.	.10¾	-	.11¼
gray, dms., dealers, c.l., works..lb.	.08¾	-	—
l.c.l., works.....lb.	.09	-	.10

Soda arsenite, gray, ¾c. higher in Chi.; 2c. higher in Houston, Tex., and Palo Alto, Calif.

Ash, dense, 58%, bgs., c.l., works..100 lbs.	1.15	-	—
l.c.l., divd., zone 1.... 100 lbs.	2.12	-	—
2 .....100 lbs.	2.22	-	—
3 .....100 lbs.	2.53	-	—
4 .....100 lbs.	2.98	-	—
bbls., c.l., wrks, Zone 1.. 100 lbs.	1.35	-	—
l.c.l., Zone 1.....100 lbs.	1.35	-	—
2 .....100 lbs.	2.50	-	—
3 .....100 lbs.	2.75	-	—
4 .....100 lbs.	3.15	-	—
bulk, c.l., works...100 lbs.	.98	-	—
extra light, 56%, bgs., c.l.. 100 lbs.	1.12	-	—
l.c.l., divd., zone 1..... 100 lbs.	2.12	-	—
2 .....100 lbs.	2.26	-	—
3 .....100 lbs.	2.53	-	—
4 .....100 lbs.	2.93	-	—
bbls., c.l., works..100 lbs.	1.45	-	—
l.c.l., divd., zone 1..... 100 lbs.	2.45	-	—
2 .....100 lbs.	2.60	-	—
3 .....100 lbs.	2.85	-	—
4 .....100 lbs.	3.25	-	—
bulk, c.l.....100 lbs.	.90	-	—

Soda ash, light, 58%, bgs., c.l., works..100 lbs.	1.05	-	1.18
l.c.l., divd., zone 1..... 100 lbs.	2.13	-	—
2 .....100 lbs.	2.28	-	—
3 .....100 lbs.	2.53	-	—
4 .....100 lbs.	2.98	-	—
bbls., c.l., works...100 lbs.	1.88	-	—
l.c.l., divd., zone 1..... 100 lbs.	2.35	-	—
2 .....100 lbs.	2.50	-	—
3 .....100 lbs.	2.75	-	—
4 .....100 lbs.	3.15	-	—
bulk, c.l.....100 lbs.	.90	-	—

Soda ash sales zones are:—(1) All States E. of Miss. R. and N. of south bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31° Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 98° Gtn.; Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La. and Miss. No. of 31°; (3) Ark. W. of 98°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex., W. of 100° (including Wichita Falls excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.

Benzoate, tech., bbls., 2 tons or more..lb.	.39	-	—
smaller lots.....lb.	.40	-	.41
USP, dms., 2 tons or more..lb.	.46	-	—
smaller lots.....lb.	.47	-	.53
Bicarbonate, tech., bgs., c.l., works..100 lbs.	1.55	-	—
l.c.l., works.....100 lbs.	1.90	-	—

Soda bicarbonate, USP, gran., bgs., c.l., works..100 lbs.	2.10	-	—
l.c.l. .....100 lbs.	2.45	-	—
Bichromate,[1] bgs., c.l., works. lb.	.07¾	-	—
l.c.l., works.....lb.	.08¾	-	.09¼
Soda bichromate, in bbls., ¼c. higher.			
Bifluoride, bbls., c.l., frt. alld. E...lb.	.11½	-	—
l.c.l., same basis.....lb.	.12	-	.14
kgs., same basis.....lb.	.13½	-	.14
Bisulphite, powd., bbls., c.l., works..100 lbs.	2.00	-	2.10
l.c.l., works.....100 lbs.	2.50	-	2.60
solut., 32°, bbls., c.l., works, 100 lbs.	1.30	-	—
l.c.l., works.....100 lbs.	1.55	-	—
30° bbls., c.l., works..100 lbs.	1.35	-	—
l.c.l., works.....100 lbs.	1.60	-	—
38°, bbls., c.l., works.100 lbs.	1.40	-	—
l.c.l., works.....100 lbs.	1.65	-	—
40°, bbls., c.l., works.100 lbs.	1.55	-	—
l.c.l., works.....100 lbs.	1.80	-	—
Bromide, USP, gran., bbls., 500 lbs., works..lb.	.25	-	—
fiber dms., 100 lbs., works, lb.	.26	-	—
Cacodylate, bots., dms.....lb.	8.50	-	10.50
Carbonate (see Soda ash, Soda Soda sal).			monohydrate
Caustic, flake, powd., 76%, dms., c.l., works..100 lbs.	2.70	-	—
l.c.l., Zone 1, divd.100 lbs.	3.55	-	—
2, divd.....100 lbs.	3.70	-	3.85
3, divd.....100 lbs.	3.95	-	4.30
4, divd.....100 lbs.	4.35	-	4.70
liquid, 47-49%, buyer's tanks, works..100 lbs.	1.92½	-	—
seller's tanks, works, 100 lbs.	1.95	-	—
76%, buyer's tanks, works, 100 lbs.	1.97½	-	—
seller's tanks, works, 100 lbs.	2.00	-	—

Soda caustic, solid, 76%, dms., c.l., works..100 lbs.	2.30	-	—
l.c.l., zone 1, divd..100 lbs.	3.15	-	—
2, divd.....100 lbs.	3.30	-	—
3, divd.....100 lbs.	3.55	-	—
4, divd.....100 lbs.	3.95	-	—
Caustic soda zones are same as soda ash.			
Chlorate cryst., bgs., c.l., works..lb.	.06¼	-	—
l.c.l., works.....lb.	.06¼	-	—
powd., kgs., c.l., works....lb.	.06¼	-	—
l.c.l., works.....lb.	.07	-	.08¼
Chloride (see Salt).			
Chromate,[1] bbls., cks., c.l., works, frt. equald..lb.	.09½	-	—
l.c.l., works, frt. equal..lb.	.09¾	-	.09¾
Soda chromate in bgs. is ½c. less.			
Citrate, USP VIII, bbls.....lb.	.18½	-	—
dms. .....lb.	.19½	-	.22½
USP XII, gran., bbls.....lb.	.24	-	—
dms. .....lb.	.25	-	.30
powd., bbls.....lb.	.24½	-	—
dms. .....lb.	.25½	-	.29½
Cyanide, 90-98%, dms.....lb.	.14½	-	.19
Diacetate, 33-35% acidity, bbls., divd..lb.	.09½	-	.19½
anhydrous, dms., divd.....lb.	.12½	-	—
Fluoride, white, 90%, bbls., c.l., works..lb.	.07	-	—
l.c.l., works.....lb.	.08	-	—
95%, bbls., c.l., works...lb.	.07¼	-	—
l.c.l., works.....lb.	.08¼	-	—

Soda fluoride prices at Los Angeles are f.a.s. works.

Formate, bgs., c.l., works..lb.	.0555	-	—
l.c.l., works.....lb.	.068	-	—
Glutamate, monobasic, kgs..lb.	1.04	-	1.08
Glycerophosphate, NF, crys., bbls..100 lbs.	1.25	-	—
dms. .....lb.	1.40	-	—
powder, 5c. higher.			
solution, 50%, cbys., cns...lb.	.83	-	.90

An Imitation Is Not the Original

"Doc" MacGee says:

Imitation may be "the sincerest form of flattery," but in the case of Skellysolve, imitation does not necessarily mean comparable quality. The fact that there are today other solvents claimed to be "as good as" or "better than" Skellysolve certainly does not mean they will serve you any better, or even as well.

Why? Because there are many more years of special naphtha-producing experience behind Skellysolve. Back in 1929, Skelly Oil Company pioneered the large scale production of specially pure naphthas of the hexane, heptane and octane types from natural gas, and set about making them for the oil and fat, rubber, ink, lacquer, and other industries. Other producers have undertaken to make similar solvents from time to time, but none who have offered these special hydrocarbon fractions can point to a record over the past 16 years which measures up to the Skellysolve record for dependability, service, and quality. What's equally important, Skelly continues expanding its facilities to meet the ever-growing demand for Skellysolve.

The Skelly method of refining guarantees you not only pure, finest quality naphthas, but naphthas with unvarying uniformity in shipment after shipment.

You can rely on Skelly, as numerous users in the oil and fat, rubber, ink, and other industries have for so many years. Even through the war years, Skellysolve shipments made a good record.

Yes, you can rely on Skellysolve quality, service, and dependability. It just doesn't pay to gamble on "imitations!"

SKELLY

SKELLYSOLVE

SOLVENTS DIVISION SKELLY OIL COMPANY

SKELLY BLDG., KANSAS CITY, MISSOURI

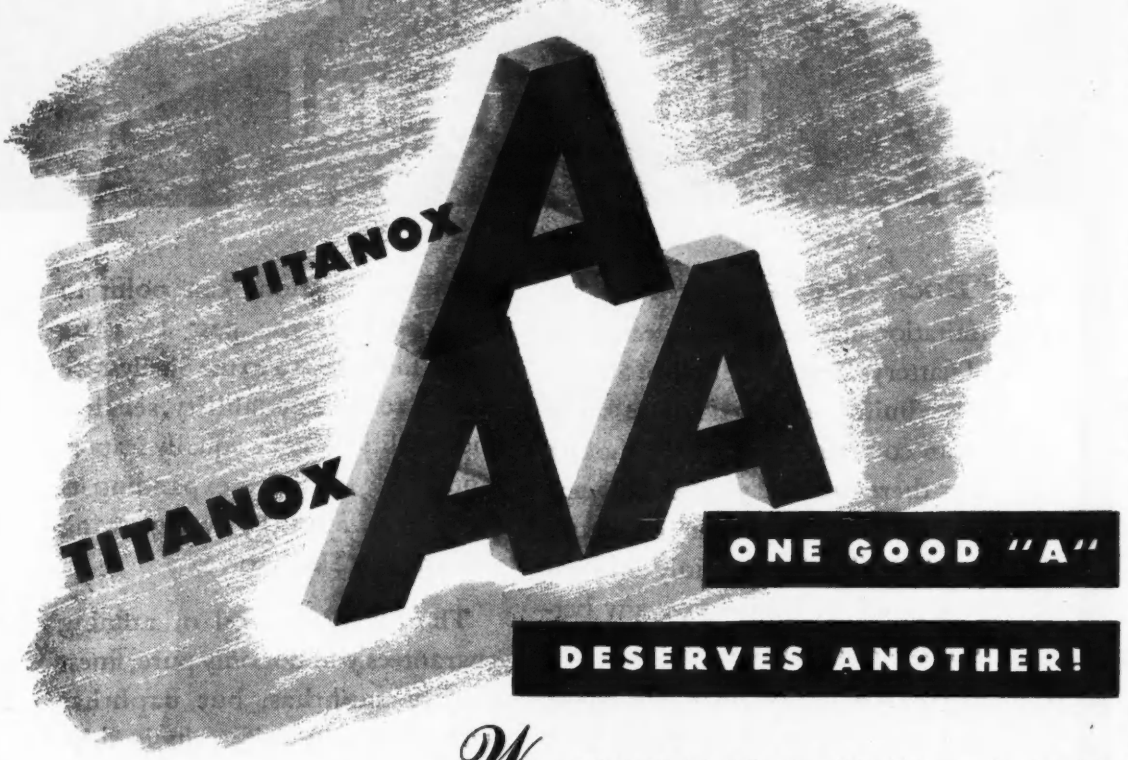
Soda hydrosulphite, dms., c.l., frt. alld...lb. .10½- —
l.c.l., frt. alld.....lb. .18 - —
Hydroxide, USP, sticks, dms.lb. .24 - .25
tech. (see Soda caustic).
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, crys., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis...100 lbs. 2.50 - —
pea, cryst., bgs., c.l., works..100 lbs. 2.60 - —
Soda, hyposulphite, crystals, in bbls., 20c. higher; pea crystals, dms., 50c. higher.
USP, cryst., bbls.....lb. .10 - .13
Iodate, dms., jars.....lb. 5.40 - 5.45
Iodide, bots.....lb. 2.53 - 2.57
dms., jars.....lb. 2.42 - —
Mandelate, dms.....lb. 3.25 - 3.35
Metaborate, gran., bbls., c.l., dlvd..lb. .045- —
l.c.l., N. Y., or Chi....lb. .051 - —
bgs., c.l., dlvd.....lb. .0425- —
l.c.l., N. Y., or Chi....lb. .046 - —
Metanilate, bgs.....lb. .40 - —
Metasilicate, anhyd., dms., c.l., works, frt. equald.....100/lbs. 4.00 - —
l.c.l., same basis...100 lbs. 4.30 - 5.00
gran., bbls., c.l., works, frt. equald..100 lbs. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.55
Methylate, bots., works.....lb. 1.00 - —
cns., works.....lb. .55 - .60
dms., works.....lb. .45 - .60
Molybdate[3], anhyd., kgs., works, lb. .47 - —
Monohydrate, bgs., c.l..100 lbs. 2.00 - —
works.....100 lbs. 2.45 - —
Naphthionate, bbls.....lb. .50 - —

Soda nitrate, crude, dms., 100-lb. bgs., c.l., works..ton.20.05 - —
bulk, c.l., works.....ton.27.00 - —
refd, gran., bbls., 10 tons..100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
imp., 100-lb. bgs., c.l., Atl. Gulf, Pac. whse.....ton.33.00 - —
200-lb. bgs., same basis.....ton.32.40 - —
bulk, same basis.....ton.30.00 - —
Nitrite, 96-98%, bbls., c.l., works, frt. equald..lb. .06¾- —
west coast ports..100 lbs. 5.00 - 8.05
l.c.l., dlvd.....100 lbs. 8.90 -11.90
Orthosilicate, anhyd., dms., c.l., works, frt. equald.100 lbs. 4.50 - —
l.c.l., same basis..100 lbs. 5.45 - 5.80
flake, dms., c.l., works.100 lbs. 3.10 - —
l.c.l., dlvd.....100 lbs. 4.80 - 4.85
Oxalate, neut., bgs., works..lb. .10 - —
Pantothenate, dextrorotary, 100-gram bots..per gram. .10 - —
Pentachlorophenate, briquette, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16½
l.c.l., works, frt. equald.lb. .17 - —
kgs., l.c.l., works, frt. equald..lb. .19 - —
Perborate, NF, bbls., c.l., wks.lb. .14¾- —
l.c.l., works.....lb. .15½- —
Peroxide, dms., c.l., dlvd. E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate, dibasic, tech., anhyd., bgs., c.l., works, 100 lbs. 6.00 - 6.26
l.c.l., works....100 lbs. 6.40 - 6.75
cryst., bgs., c.l., works..100 lbs. 2.55 - 2.70
l.c.l., works....100 lbs. 2.95 - 3.45

Soda phosphate, USP XII, dried, bbls., dms., works..lb. .150 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 7.85 - 9.00
tribasic, anhydrous, bgs., c.l., works, frt. equald.....100 lbs. 6.00 - 6.95
l.c.l., same basis.100 lbs. 6.50 - 7.60
cryst., bgs., c.l., works....100 lbs. 2.70 - —
l.c.l., same basis..100 lbs. 3.10 - —
kgs., c.l., works...100 lbs. 3.40 - —
l.c.l., works....100 lbs. 3.90 - —
Soda phosphate in bbls. 20c. higher.
USP (see Sodium phosphate, dibasic).
Prussiate, yellow, bgs.....lb. .19¾- —
bbls.....lb. .17 - —
Pyrophosphate, ferric, dms., 10,000 lbs., works..lb. .22 - —
smaller lots, works.....lb. .23¼- —
tetra-basic, anhydrous, bgs., c.l., works, frt. equald..100 lbs. 3.25 - —
l.c.l., same basis.100 lbs. 5.40 - 5.75
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs.....100 lbs. 1.25 - —
works.....100 lbs. 1.10 - —
bbls.....100 lbs. 1.40 - —
works.....100 lbs. 1.20 - —
Salicylate, dms.....lb. .52 - .54
Sesquicarbonate, bgs., c.l., wks. 100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd....100 lbs. 2.70 - —
2, dlvd.....100 lbs. 2.85 - —
3, dlvd.....100 lbs. 3.10 - —
4, dlvd.....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.

Soda, sesquisilicate, dms., c.l., works..100 lbs. 3.05 - —
l.c.l., dlvd.....100 lbs. 4.05 - 4.30
Silicate, 40°, turbid, dms., c.l., works..100 lbs. .50 - —
l.c.l., works.....100 lbs. 1.05 - 1.30
tanks, works.....ton.15.00 - —
52°, turbid, dms., c.l., works, 100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride, bbls., c.l., works, lb. .06½- .07
l.c.l., works.....lb. .07 - .07½
Stannate, dms., works, frt. alld. E...lb. .23½- .24½
Stearate, bbls., works.....lb. .19 - .24
sulphate, NF, dried, powd., bbls..lb. .07 - .07¼
tech., anhyd., bgs., c.l., wks. 100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.95 - 2.20
cryst. (see Glauber's salt).
USP, cryst., gran., bbls....lb. .07 - .10
Sulphide, crys., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works..100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., c.l., works..100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works.....100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.55 - —
powd., bbls., c.l., works....100 lbs. 5.25 - —
l.c.l., works.....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .33
powd., bbls.....lb. .30 - .35
Sulphocyanide, CP, dms.....lb. .55 - .65
Sulphohydrate, liquid, 85%, dms., c.l., works, 100% basis. lb. .06 - —
l.c.l., works.....lb. .06 - —
liquid, 85%, tanks, 100% basis, works..lb. .06¾- —
flake, 70-73%, dms., c.l., works..lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Thiocyanate (see Soda, sulphocyanide).
Thiosulphate (see Soda hyposulphite).
Tungstate,[1,9] tech., kgs.....lb. 1.25 - 1.50
Soda-ammonia phosphate, bbls., works, frt. equld.....lb. .22 - —
Soda-cinchophen, bots., dms...lb. 3.75 - 3.85
Soda-formaldehyde sulphoxalate, stand. cont. 125-250 lbs...lb. .19 - .22
Soda-sulphadiazin, USP, dms..lb.10.50 -10.60
Soda-sulphamerazin, dms.....lb.10.50 -10.60
Soda-sulphapyridine, powd., bots., dms..lb. 5.00 - 5.30
Soda-sulphathiazole, USP, dms., lb. 2.50 - 2.80
Solvent naphtha, dms., wks..gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .26 - —
Minnequa, Colo.....gal. .26 - —
high-flash, dms., works...gal. .32 - —
tanks, frt. alld. E. of Omaha to 2c. per gal..gal. .27 - —
wire enamel, ret. dms., c.l., frt. equalized..gal. .27 - —
l.c.l., same basis....gal. .30 - —
tanks, works.....gal. .22 - —
Sorbitol, com'l, dms., c.l., works, lb. .16¾- —
l.c.l., works.....lb. .17¾- —
Soybean meal,[1,7] 41%, bulk, c.l., Decatur..ton.45.00 - —
Protein, alpha, bgs., 40,000 lbs., works..lb. .20 - —
20,000 lbs., works.....lb. .20¼- —
smaller lots, works.....lb. .20¼- .24
Sparteine sulphate, bots., cns..oz. 2.25 - 2.95
Spearmint leaves, bls.....lb. .48 - .49
Spikenard root, bls.....lb. .48 - .55
Spruce extract, liq., reg., bbls., c.l., works..lb. .02¼- —
tanks, works.....lb. .01½- —
pwd., super, bgs., c.l., wks.lb. .04½- —
Squaw vine, bls.....lb. .53 - .55
Squill, red, fortified, powd., bbls., bxs..lb. 1.60 - —
White, bls.....lb. .10 - .12
powd., bbls., bxs.....lb. .16 - .20
St. Ignatius beans, bgs.....lb. No stocks
St. John's bread, edible, bls...lb. .10¾- .11¼
Starch, corn, pearl, bgs..100 lbs. 4.06 - —
Chicago.....100 lbs. 2.72 - —
powd., bgs.....100 lbs. 4.19 - —
Chicago.....100 lbs. 3.83 - —
Potato, bgs., c.l.....lb. .0637- —
l.c.l.....lb. .0712- —
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boil, bgs.....lb. .05 - —
Starch, iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. No stocks
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.10 - 1.15
Stramonium leaves, bgs.....lb. .21 - .22
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., dms.lb. .52 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls.....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
mesh 90%, bbls., works..ton.58.00 - —
Chromate, bbls., kgs., Phila.lb. .35 - .37
Iodide, bots.....lb. 3.04 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works.....lb. .08¼- .08¾
Oxalate, bbls., works.....lb. .38 - .40
Salicylate, NF, dms.....lb. 1.10 - 1.15
Sulphate, nat., air-floated, 325 mesh 90%, bbls., works..ton.58.00 - —
Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 -50.00
Strophanthus seed, Kombe, bgs., lb. 2.40 - 2.45
Strychnine, NF, powd., cns., 100 ozs..oz. 1.25 - —
Sulphate, USP, powd., cns., 100 ozs..oz. 1.00 - —
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works...lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazine, USP, dms.....lb. 9.00 - 9.10
Sulphaguanidin, dms.....lb. 4.50 - 4.60
Sulphamerazin, dms.....lb. 9.00 - 9.10
Sulphanilamide, USP, bots....lb. 1.50 - —
lb. dms.....lb. 1.05 - 1.25
Sulphanilamide, 30-60 mesh, 10c. higher.
Sulphapyridin, powd., bots., tins, lb. 5.00 - 5.30
Sulphathiazole, dms.....lb. 2.50 - 2.80
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.35
Sulphur, crude, c.l., bulk, mines, contract..long ton.16.00 - —
vessels, Gulf ports, contract..long ton.17.50 - —
flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 2.65 - —
l.c.l., works.....100 lbs. 2.90 - 3.11
precipitated, USP, bbls., kgs., lb. .18 - .30

TITANOX . . . *the brightest name in titanium pigments*



When TITANOX-A (Titanium Dioxide) was developed in 1925 by the staff of The Titanium Pigment Company, Inc., it became *the first pure titanium pigment commercially produced in the United States.* To both indoor and outdoor paints, it imparted opacity, brightness, and durability. Further experimentation and research work by the same group of technicians resulted a few years later in a pure titanium dioxide pigment which was chalk-resistant. Known as TITANOX-AA, it represented *the first chalk-resistant titanium pigment commercially produced in the United States.*

The whiteness, brightness and tinting strength of TITANOX-AA, along with its chalking resistance, make it a good, all-around pigment for industrial coatings where chalk-resistance is required and for combination or exterior-interior enamels.

While consistently maintaining the high quality of all their products, the makers of TITANOX are exerting every effort toward increasing production of this greatly demanded pigment.

TITANOX
TRADE MARK

TITANIUM PIGMENT CORPORATION
SOLE SALES AGENT

111 Broadway, New York 6, N. Y.
201 So. Michigan Ave., Chicago 2, Ill.
350 Townsend St., San Francisco 7, Cal.
2472 Enterprise St., Los Angeles 21, Cal.

Sulphur, refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy, bgs., c.l., works..... 100 lbs. 2.80 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
light, bgs., c.l., works..100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
flowers, USP, bgs., c.l., works. 100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
Refined sulphur flowers in bbls., 35c. higher.
rock, bbls., c.l., works.100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.35 - 2.70
roll, bbls., c.l., works.100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
rubbermakers', bgs., c.l., wks. 100 lbs. 1.75 - —
Chloride, 35-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works.....lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
Dioxide, liquid, com'l, cyls., c.l., works..lb. .07 - —
l.c.l. .....lb. .08 - —
multi-unit cars, works..lb. .04½- .06
tanks, works.....lb. .04 - —
refrigeration, cyls., l.c.l., works..lb. .16 - .31
Iodide, bots., jars.....lb. 3.90 - 4.17
Sumac extract, No. 1, bbls....lb. .06 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls.....lb. .00 - .11
Superphosphate,[1] pulverized, run-of-pile under 22% a.p.a., bulk, production points,
Balto..unit-ton. .62 - —
Florida .....unit-ton. .51 - .54
others .....unit-ton. .57 - .84
Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 86½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $8.03 per ton; guaranteed 18, 19 or 20% a.p.a., ½c. per unit-ton higher.
triple, 40% or more, a.p.a., bulk, producing points, Florida. unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —
Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.
Superphosphate, gran., 2c. per unit-ton higher than pulverized.
Sweet basil, bls.....lb. 1.00 - 1.25

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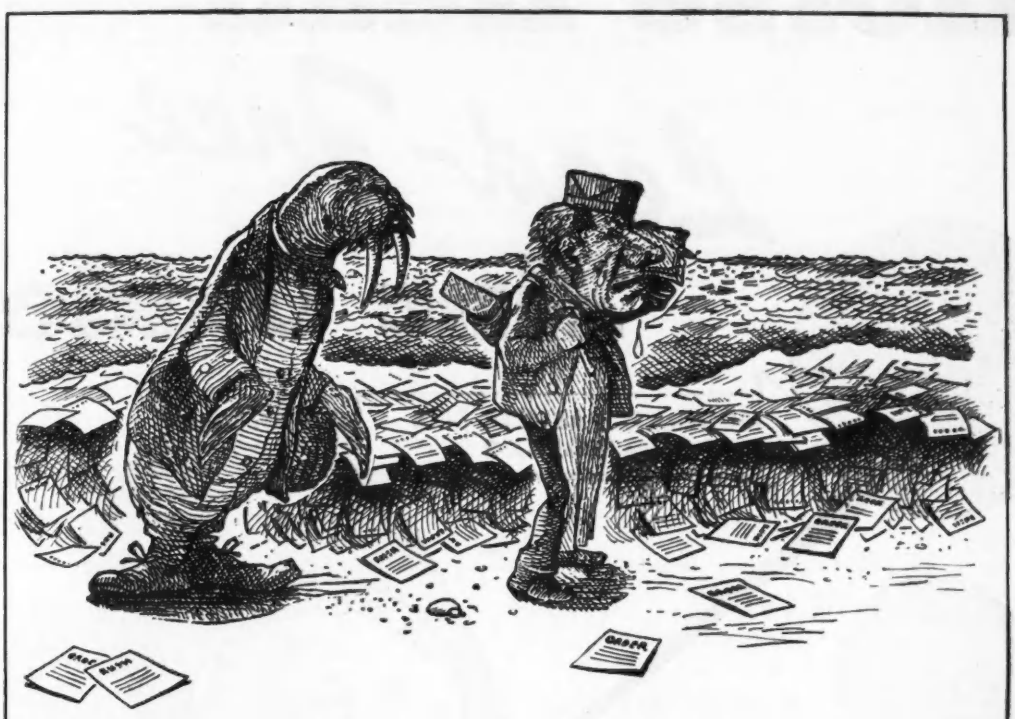
Talc,[1] dom., ordinary, grd., bgs., c.l., works..ton.14.50 -24.50
l.c.l., works.....ton.16.50 -30.00
Calif., bgs., c.l., wks.ton.17.50 -48.00
Pennsylvania, bgs., c.l., works..ton.11.00 -18.50
l.c.l., works.....ton.12.00 -14.50
Vermont, bgs., c.l., works. ton.14.00 - —
l.c.l., works.....ton.15.00 - —
fibrous, grd., coarse, off-color, New York, bgs., c.l., works..ton.13.00 - —
fine, New York, 325 mesh, 93-94%, bgs., c.l., works. ton.13.00 -18.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.65 - 99.95%, bgs., c.l., works..ton.17.00 -21.00
imp. Canada, bgs., c.l.....ton.24.00 -30.00
Tallow,[1,7] edible, tanks.....lb. .09½- —
inedible, extra, loose.....lb. .08½- —
special, loose.....lb. .08½- —
sulphonated, 50% (42% fat), dms., c.l..lb. .07 - .07½
(70% fat), dms., c.l.....lb. .10 - .10½
Tallow, sulphonated, l.c.l., ½c. higher.
Tamarind, bbls.....lb. .13 - .14
Tankage,[1,7] animal, feed grd., 9-11% ammon., bulk, unit-ton. 3.50 - —
Chicago .....unit-ton. 3.50 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10
Tapioca flour,[1,3] bgs.....lb. .07 - .07½
Java, bgs.....lb. No stocks
Tar acid oil, 15-19%, dms., c.l., works..gal. .26½- —
l.c.l., works.....gal. .28½- —
25%, dms., c.l., works..gal. .30 - —
l.c.l., works.....gal. .32 - —
Tar, pine (see Pinetar).
Tara[1] pods, c.l., ex dock U. S. ports..long ton.67.25 - —
powd., c.l., same basis.... long ton.125.00 - —
Tarragon herb, bgs.....lb. .60 - .65
Leaves, bgs.....lb. 1.20 - 1.35
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47½- .48
dms. .....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .52½- .56
Terpin hydrate, com'l, bbls., c.l. lb. .24½- —
l.c.l. .....lb. .25 - .25½
USP, cryst., bbls., dms....lb. .70 - .75
powd., bbls., dms.....lb. .75 - .80
Terpineol, alpha (see A).
com'l, dms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .13 - —
pure, dms.....lb. .34 - .50
Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terpinyl acetate, extra, cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb. .75 - 1.05
Terra alba (see Gypsum).
Tetrachloroethane, dms,, works, lb. .08 - .08½
Tetrachloroethylene, NF VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works.....lb. .23½- .25½
tech. (see Perchloroethylene).
Tetralin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 90%, bots., works..lb.12.50 Nom.
Theobromine, dms., 25-lb. lots.. lb. 3.75 - —
smaller lots.....lb. 3.95 - 4.10
Thiamine hydrochloride, dms., 100 grams or more..kilo.160.00 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .56
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, California, French type, bls., Pacific Coast..lb. .90 - .92
Spanish, bls.....lb. .14½- .15
Thymol, cns.....lb. 2.40 - 2.75
Iodide, dms.....lb. 3.40 - 3.80
Timbo root (see Cube root).

Tin chloride,[6] anhydrous.....lb. No stocks
crystals,[6] bgs., bbls.....lb. No stocks
Metal,[1,6] .....lb. .53 - —
Bolivian .....lb. .63½- —
Straits .....lb. No stocks
Oxide,[1,6] bbls.....lb. .54 - .55
Tetrachloride,[6] anhyd., dms., works..lb. .31 - .33
Titanium dioxide,[1,4] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., dlvd.....lb. .15½- .15¾
nonchalking,[1,4] bgs., c.l., dlvd. E..lb. .16½- —
l.c.l., dlvd.....lb. .16¾- .17⅛
plain, bgs., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .14¾- .15½
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium, base,[1,4] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Calcium base,[1,4] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
Calcium-rutile base,[1,4] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06¾- —
Magnesium base,[1,4] dlvd....lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Titanium dioxide and pigment in bbls., ¼c. higher; Pac. coast, c.l., dlvd., l.c.l., ex whse., ¼c. higher.
Tetrachloride, CP, 55-gal. dms., works..lb. .57 - —
smaller pkgs., works.....lb. .65 - 1.22
technical, 55-gal. dms., works. lb. .32 - —
smaller pkgs., works.....lb. .40 - 1.00
Tolu balsam, cns.....lb. 2.50 - 2.60
Toluene (see Toluol).
Toluidin base, distilled, kgs...lb. .96 - —
Toluol (toluene), coaltar, 2°, industr., dms., return, wks. gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
West Minnequa, Colo..gal. .27 - —
Toluol, 1°, nitration, ret. dms., works..gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
West Minnequa, Colo..gal. .27 - —
Petroleum toluol prices, same as those for coaltar toluol.
Tonga, 50% bark and vine, bbls. lb. .90 - .91
Tonka beans, Angostura, cks..lb. 1.60 - 1.70
Brazilian, Surinam, cs....lb. .90 - .95
Totaquine,[1,9] USP XII, 100-ozs. lots..oz. .52 - —
Triacetin, dms., works.....lb. .28 - .32
Triamylamine, dms., c.l., works. lb. .96 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, dms.....lb. .29 - .31
smaller pkgs.....lb. .34 - .40
Phosphate, cns., l.c.l., dlvd..lb. .53 - .55
dms., l.c.l., dlvd.....lb. .49 - —
Tributylamine, dms., c.l., works. lb. .75 - —
l.c.l., works.....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .06 - —
l.c.l., frt. alld.....lb. .06½- —
tanks, frt. alld.....lb. .07½- —
Trichloroethane, dms., c.l., works. lb. .15 - —
l.c.l., works.....lb. .17 - —
Trichloroethylene, dms., c.l., Zone 1, works, frt. alld..lb. .06 - —
Zone 2, frt. alld.....lb. .06½- —
Zone 3, frt. alld.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —
Trichloroethylene, l.c.l., prices, ½c. higher Zones are—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Tricresyl phosphate, tech., cns., works..lb. .29 - .29½
dms., c.l., dlvd.....lb. .35 - —
l.c.l., dlvd.....lb. .29½- —
tanks, dlvd.....lb. .34 - —
Triethanolamine, dms., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .40 - —
Triethylamine, dms., c.l., works, basis 100%..lb. .34 - —
l.c.l., works, basis 100%....lb. .36 - —
tanks, works, basis 100%....lb. .30 - —
Triethyleneglycol, dms., c.l., frt. alld. in E..lb. .15½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., dlvd. works..ton.21.50 - —
l.c.l., dlvd.....lb. .30 - —
Trimethylolpropane, bbls.....lb. .65 - —
Triphenyl phosphate, bbls., c.l., frt. alld..lb. .31 - —
l.c.l., same basis.....lb. .33 - —
Tripoli,[1] air-floated, bgs., c.l., works..ton.21.50 - —
double-grd., bgs., c.l., works.. ton.17.50 - —
once-grd., bgs., c.l., works.ton.15.00 - —
Trisodium phosphate (see Soda phosphate (tribasic).
Tuba root (see Cube root).
Tungsten metal, powd., 96-99.7%, dms., works..lb. 2.60 - 5.40
Oxide, kgs.....lb. No prices
Turmeric root, Alleppey, bls., futures..lb. .13 - .15½
Haitian, bls.....lb. No stocks
Jamaica, futures, bls.....lb. .16¼- .16¾
Madras, bgs.....lb. .17¼- .17¾
Turpentine, gum, ret. dms., c.l. gal. .62¼- —
l.c.l. .....gal. .64½- —
tanks, Savannah.....gal. .62½- —



"Do you suppose," the Walrus said,
"That they can get it clear?"

"If seven maids with seven mops
Swept it for half a year,
Do you suppose," the Walrus said,
"That they could get it clear?"

(with apologies to Alice in Wonderland)

We are making every effort to carry on our long-established practice of making prompt deliveries, but in spite of this, we cannot avoid some delays at the present time. So if your orders do not arrive as quickly as you would like, remember that we are trying—as our artist puts it—to mop up the tide of orders as fast as we can without sacrificing any of the traditional SOLVAY quality. We appreciate the loyalty and cooperation of our customers and hope that before long we will again be in a position to promise immediate delivery.

SOLVAY

SOLVAY SALES CORPORATION
Alkalies and Chemical Products Manufactured by The Solvay Process Company
40 Rector Street New York 6, N. Y.

Soda Ash • Caustic Soda • Specialty Cleansers • Chlorine Products • Ammonium & Potassium Products • Calcium Chloride

Turpentine, wood,[1] d.d., dms., East	gal.	.65 -	.70
tanks, East	gal.	.60 -	—
steam-dist., ret. dms., East	gal.	.80 -	.86
tanks, East	gal.	.74 -	.79
Sulphate, ret. dms	gal.	.65 -	.70

U

Unicorn root, false (see Helonias root). True (see Aletris root).			
Uranium,[4] oxide, black, bgs.	lb.	2.55 -	—
yellow, kgs.	lb.	1.65 -	—
Urea, dom., 46% N., bgs., c.l., works or ship. pts.	ton	62.00 -	—
l.c.l., ship. pts.	ton	70.50 -	85.00
import, pure, cs.	lb.	.12 -	—
Fertilizer comp., 42% N., bulk, c.l., works, or Atlantic or Gulf ports	ton	57.40 -	—
fixed ammonia content, usual Atlantic and Gulf ports, NH_3	ton	116.00 -	—

C and D prices for Urea-ammonia liquor are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations.

Urea-ammonia liquor (A and B), free ammonia content, Belle, W. Va., freight equalized with Hopewell, Va.	ton	89.00 -	—
fixed ammonia content, Belle, W. Va., freight equalized with Hopewell, Va., NH_3	ton	112.00 -	—
Urunday, extract, 62% tanin, ex dock, U.S. ports	lb.	.0625-	.06875
Uva ursi leaves, bls.	lb.	.16 -	.19

V

Valerian root, Belgian, MF, bls.	lb.	No stocks	
Indian, bls.	lb.	.65 -	.70
Valonia, beards, bgs., f.a.s.	ton.	No prices	
Cups, bgs., f.a.s.	ton.	No prices	
Vanadium[1] pentoxide, CP, bgs., ons., works.	lb.	7.00 -	—
tech., dms., works.	lb.	1.10 -	—
Vanilla beans, Bourbon, tins.	lb.	7.75 -	8.50
Mexican, cuts, tins.	lb.	9.50 -	10.00
whole, tins.	lb.	10.50 -	11.00
Tahiti, white label, tins.	lb.	3.50 -	3.75
yellow label, tins.	lb.	3.25 -	3.50
West Indian, tins.	lb.	No stocks	
Vanillin,[1] ex eugenol, tins, 25 lbs. or more.	lb.	2.00 -	—
smaller lots, tins.	lb.	2.65 -	2.75
ex guaiacol, tins, 25 lbs. or more.	lb.	2.35 -	—
smaller lots, tins.	lb.	2.40 -	2.50
ex lignin, tins, 25 lbs or more.	lb.	2.35 -	—
smaller lots, tins.	lb.	2.40 -	2.50
Venice turpentine, artif., cns.	lb.	.94 -	.95
Verdigris, bbls., bgs.	lb.	.22 -	.25
Vinyl acetate, cbys., works.	lb.	.25 -	—
dms., c.l., works.	lb.	.15 -	—
l.c.l., works.	lb.	.16 -	—
smaller pkgs., l.c.l., works.	lb.	.25 -	—
Ether, bots., 75 c.c., less 20% and 20%	bot.	1.50 -	—
50 c.c., same basis	bot.	1.05 -	—
25 c.c., same basis	bot.	.65 -	—
Trichloride (see Trichloroethane).			
Vinylpyridin, ref. dms., works.	lb.	1.50 -	—
Viosterol (irradiated ergosterol), bots., mil., units		.10 -	.12
in corn oil (see Calciferol).			

—Continued on page 56

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

A

Abalyn (see methyl abetate in Current Market Quotations).			
Acryloid, acrylic ester type, A-10 (30% in cellosalve acetate), bbls., c.l.	lb.	.36 -	—
10 dms.—1 to 9 dms.	lb.	.37 -	.38
B-7 (20% in ethylene dichloride), bbls., c.l.	lb.	.28 -	—
10 dms.—1 to 9 dms.	lb.	.29 -	.30
B-72, B-73 (40% in toluol), bbls., c.l.	lb.	.42 -	—
10 dms.—1 to 9 dms.	lb.	.43 -	.44
C-10 (20% in ethyl acetate), bbls., c.l.	lb.	.28 -	—
10 dms.—1 to 9 dms.	lb.	.29 -	.30
C-10LV (40% in toluol), bbls., c.l.	lb.	.44 -	—
10 dms.—1 to 9 dms.	lb.	.45 -	.46
C-5 (20% in toluol), bbls., c.l.	lb.	.28 -	—
10 dms.—1 to 9 dms.	lb.	.29 -	.30
F-10 (40% in mineral thinner and No. 8 solvent), bbls., c.l.	lb.	.42 -	—
10 dms.—1 to 9 dms.	lb.	.43 -	.44
SF-100 (100% in solids), dms., c.l.	lb.	.60 -	—
10 dms.—1 to 9 dms.	lb.	.61 -	.62
Acrysol, C-9, dms., 10 dm., 1-9-dm. lots	lb.	.38 -	.39½
ER, MR, dms., c.l., 10 dm., 1-9 dm. lots	lb.	.42 -	—
Acrysol, WA-5, dms., 10 dm., 1-9-dm. lots	lb.	.42½-	.49

Acryloid and Acrysol prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in district 1, comprising any point in the United States except in the States of Arizona, California, Colorado, Idaho, Montana, New Mexico, Nevada, Oregon, Texas, Utah, Washington and Wyoming.

Amberlac B-94 (85% in xylol), bbls., c.l.	lb.	.23 -	—
l.c.l.	lb.	.23½-	—
D-96, bbls., c.l.	lb.	.24½-	—
80-X, bbls., c.l.	lb.	.19 -	—
l.c.l.	lb.	.19½-	—
81-X (70% in xylol), bbls., c.l.	lb.	.18½-	—
l.c.l.	lb.	.19 -	—
80-MT (50% in mineral thinner), bbls., c.l.	lb.	.16½-	—
l.c.l.	lb.	.17 -	—
l.c.l.	lb.	.25 -	—
Amberol, phenol formaldehyde type, F-7, light, bbls., c.l.	lb.	.17½-	—
l.c.l.	lb.	.18 -	—
extra light, bbls., c.l.	lb.	.17½-	—
l.c.l.	lb.	.18½-	—
dark, bbls., c.l.	lb.	.17 -	—
l.c.l.	lb.	.17½-	—
F-71, bbls., c.l.	lb.	.17½-	—
l.c.l.	lb.	.18 -	—
F-77, bbls., c.l.	lb.	.19 -	—
l.c.l.	lb.	.19½-	—
K-12-A, bbls., c.l.	lb.	.18 -	—
l.c.l.	lb.	.18½-	—
B/S-1, light, bbls., c.l.	lb.	.16 -	—
l.c.l.	lb.	.16½-	—
extra light, bbls., c.l.	lb.	.16½-	—
l.c.l.	lb.	.17 -	—
dark, bbls., c.l.	lb.	.15½-	—
l.c.l.	lb.	.16 -	—
M-82, bbls., c.l.	lb.	.15½-	—
l.c.l.	lb.	.16½-	—
M-88, bbls., c.l.	lb.	.18 -	—
l.c.l.	lb.	.18½-	—
M-93, bbls., c.l.	lb.	.19 -	—
l.c.l.	lb.	.19½-	—
226, bbls., c.l.	lb.	.22½-	—
l.c.l.	lb.	.23 -	—
ST-137X, bbls., c.l.	lb.	.32 -	—
l.c.l.	lb.	.32½-	—
HH-1 (70% in toluol), bbls., c.l.	lb.	.33 -	—
l.c.l.	lb.	.35 -	—
maleic type, 600, extra light and light, bbls., c.l.	lb.	.16½-	—
l.c.l.	lb.	.17 -	—
801, extra light and light, bbls., c.l.	lb.	.17½-	—
l.c.l.	lb.	.18 -	—
801-P, bbls., c.l.	lb.	.16½-	—
l.c.l.	lb.	.16¾-	—
806-P, bbls., c.l.	lb.	.16½-	—
l.c.l.	lb.	.17 -	—
808, bbls., c.l.	lb.	.18 -	—
l.c.l.	lb.	.18½-	—
820, bbls., c.l.	lb.	.19½-	—
l.c.l.	lb.	.20 -	—
925, bbls., c.l.	lb.	.14½-	—
l.c.l.	lb.	.15 -	—
926, bbls., c.l.	lb.	.15 -	—
l.c.l.	lb.	.15½-	—
750, bbls., c.l.	lb.	.28 -	—
l.c.l.	lb.	.28½-	—

Amberlac and Amberol prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in district 1, comprising any point in the United States except in the States of Arizona, California, Colorado, Idaho, Montana, New Mexico, Nevada, Oregon, Texas, Utah, Washington and Wyoming.

Aquaplex (resin emulsion type), S-6, bbls., c.l.	lb.	.14 -	—
l.c.l.	lb.	.14½-	—
AM-92, bbls., c.l.	lb.	.14½-	—
l.c.l.	lb.	.14½-	—
Aroclors, distilled, dms., c.l., works.	lb.	.13 -	—
ton lots, works.	lb.	.13½-	—
single dms., works.	lb.	.13 -	—
undistilled, dms., c.l., works.	lb.	.15½-	—
ton lots, works	lb.	.16 -	—
single dms., works.	lb.	.16½-	—

B

Bakelite, phenolic resins, resin reactive, XR-15775, non-ret. dms., ton, works.	lb.	.33½-	—
single dm. and less.	lb.	.34 -	.35½
XR-15778, non-ret. dms., ton, works.	lb.	.50 -	—
single dm. and less, works.	lb.	.50½-	.53
C-9 resins, liquid types, oil modified, BR-14590, non-ret. dms., ton, works.	lb.	.26 -	—
single dm. and less.	lb.	.26½-	.29
XR-15780, not-ret. dms., ton, works.	lb.	.34 -	—
single dm. and less.	lb.	.34½-	.37
BR-16640, non-ret. dms., ton, works.	lb.	.34 -	—
single dm. and less	lb.	.34½-	.37
100% paraphenyl phenol resin, pale, non-heat hardening BR-254, non-ret. bbls., ton, works.	lb.	.33 -	—
single dm. and less, works.	lb.	.33½-	.36
100% phenolic, pale, non-heat hardening, BR-9432, non-ret. bbls., works.	lb.	.31 -	—
single dm. and less, works.	lb.	.31½-	.34
BR-4036, non-ret. bbls., ton, works.	lb.	.37 -	—
single dm. and less, works.	lb.	.37½-	.40
BR-17700, non-ret. bbls., ton, works.	lb.	.32½-	—
single dm. and less.	lb.	.33 -	.35½
dark, non-heat hardening, BR-1829, non-ret. bbls., ton, works.	lb.	.29 -	—
single dm. and less, works.	lb.	.29½-	.32
BR-9494, non-ret. bbls., ton, works.	lb.	.25½-	—
	lb.	.29 -	—
single dm. and less, works.	lb.	.26 -	.28½
BR-9478, non-ret. bbls., ton, single dm. and less, works.	lb.	.29½-	.32
pale, heat-hardening, BR-3360, non-ret. bbls., ton.	lb.	.36 -	—
single dm. and less, works.	lb.	.36½-	.39
BR-10282, non-ret. bbls., ton, works.	lb.	.32 -	—
single dm. and less, works.	lb.	.32½-	.35
BR-14694, non-ret. bbls., ton, works.	lb.	.36 -	—
single dm. and less, works.	lb.	.36½-	.39
C-9 resins, solid types, BR-15208, non-ret. bbls., ton, works	lb.	.15 -	—
single dm. and less.	lb.	.15½-	.19

Horse Head Lead-Free Zinc Oxides

HORSE HEAD XX-2 ZINC OXIDE

This is the standard, all-purpose lead-free zinc oxide for general paint manufacture.

It produces medium consistency in paint.

Horse Head XX-2 zinc oxide has an established reputation for color, brightness and uniformity.

More information on all Horse Head lead-free zinc oxides is given in our Pigment Selection Chart. Send for a copy today.

THE NEW JERSEY ZINC COMPANY

160 FRONT STREET, NEW YORK 7, N. Y.

Bakelite, C-9 resins, solid type, BR-12260, non-ret. bbls., ton, works	lb.	.37 - —
single drm. and less	lb.	.37½- .40
oil modified, BR-902, non-ret. drms., ton, works	lb.	.346 - —
single drum and less, works	lb.	.351 - .376
BR-2175 (MTO), non-ret. kegs, ton, works	lb.	.33 - —
single drm. and less, works	lb.	.33½- .41
resin-baking types, BV-1600, ret. drms., ton, works	lb.	.30 - —
single drm. and less, works	lb.	.30½- .33
BV-3966 (MTO), non-ret. drms., ton, works	lb.	.29 - —
single drm. and less, works	lb.	.29½- .32
BV-10675, ret. drms., ton, works	lb.	.35 - —
single drm. and less, works	lb.	.35½- .38
BV-16007 (MTO), non-ret. drms., ton, works	lb.	.212 - —
single drm. and less, works	lb.	.217 - 242
dispersion resins, phenolic, BK-3962X, non-ret. drms., ton, works	lb.	27.7 - —
single drm. and less	lb.	28.2 - 30.7
BK-16700,, non-ret. drms., ton, works	lb.	.27 - —
single drm. and less	lb.	.27½- .30
non-phenolic, XK-16624, non-ret. drms., ton, works	lb.	.32½- —
single drm. and less	lb.	.33 - .35½
resin modified, BR-2072, non-ret. single drm. and less, works	lb.	.23 - —
phenolic lacquer resins and solutions, XR-3180, non-ret. drms., ton, works	lb.	.45 - —
single drm. and less	lb.	.45½- .48
XR-4857, non-ret. drms., ton, works	lb.	.45 - —
single drm. and less, works	lb.	.45½- .48
BR-9866, non-ret. bbls., ton, works	lb.	.18½- —
single drm. and less	lb.	.19 - .21½
XJ-10433, ret. drms., ton, works	lb.	.37 - —
single drm. and less	lb.	.37½- .40
BJ-15406, ret. drms., ton, works	lb.	.24 - —
single drm. and less	lb.	.24½- .27
resin-reactive, XR-15775, ret. drms., ton	lb.	.32½- —
single drm. and less	lb.	.34 - .36½
XR-15778, ret. drms., ton	lb.	.50 - —
single drm. and less	lb.	.50½- .53
C-9, lacquer types, XJ-16380, ret. drms., ton	lb.	.26 - —
single drm. and less	lb.	.26½- .29
XR-15840, non-ret. drms., ton, works	lb.	.34 - —
single drm. and less	lb.	.34½- .37

Bakelite prices are f.o.b. manufacturer's plant or warehouse; minimum transportation charges prepaid on units of standard drums or over to destination in United States except as follows:—add 1c. per pound for delivery to Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming.

Made-to-order materials marked (MTO) are those whoch are not stock materials (not stocked because of changes that occur in physical properties when stored for any length of time) and which therefore have to be manufactured upon receipt of orders and allocation of raw materials.

Beckacite, 1100, M-K, drms., c.l.	lb.	.18¼- —
l.c.l., same basis	lb.	.18¾- .19¼
1101, N-M, drms., c.l.	lb.	.19½- —
l.c.l., same basis	lb.	.17 - .17½
1102, M-K, drms., c.l.	lb.	.17½- —
l.c.l., same basis	lb.	.17¾- .18¼
1106, H-G, drms., c.l.	lb.	.17¾- —
l.c.l., same basis	lb.	.18¼- .18¾
1112, WG-N, drms., c.l.	lb.	.18 - —
l.c.l., same basis	lb.	.18½- .19
1113 WG-N, drms., c.l.	lb.	.16¾- —
l.c.l., same basis	lb.	.17¼- .17¾
1116, K-1, drms., c.l., same basis	lb.	.18¾- —
l.c.l., same basis	lb.	.19¼- .19¾
1123, drms, c.l.	lb.	.18¾- —
l.c.l., same basis	lb.	.19¼- .19¾
1125, drms., c.l., same basis	lb.	.18¾- —
l.c.l., same basis	lb.	.19¼- .19¾
Beckamine, P-138, works, drms., c.l.	lb.	.22¼- —
l.c.l., same basis	lb.	.22¾- .23¼
P-196, drms., c.l.	lb.	.26½- —
l.c.l., same basis	lb.	.26¾- .27¼
P-196, accelerator, works, drms., c.l.	lb.	.28¾- —
l.c.l., same basis	lb.	.29¾- .29¼
P-354, works, drms., c.l.	lb.	.20¾- —
l.c.l., same basis	lb.	.21¼- .21¾
Beckopol, 1400, M-K, drms., c.l.	lb.	.19½- —
l.c.l., same basis	lb.	.20 - .20½
Beckosol, solid, No. 13, 4-5 (50% M.S.), drms., c.l.	lb.	.26 - —
l.c.l., same basis	lb.	.27 - .28
No. 24, 3-4L (60% toluol), drms., c.l.	lb.	.35½- —
l.c.l., same basis	lb.	.36½- .37½

C

Cumar resin, AX, non-ret. drms., net weight	lb.	.06¼- —
BX, net weight	lb.	.06¼- —
CX, gross weight	lb.	.05¾- —
DX, gross weight	lb.	.05¼- —
EX, gross weight	lb.	.05¼- —
FX, gross weight	lb.	.09¾- —
MH, col. 1	lb.	.11¾- —
1½-2	lb.	.10¾- —
2½-3½	lb.	.09¾- —
9	lb.	.09¾- —
M3	lb.	.10¾- —
P, 10°-50° C., col. 2½ and darker	lb.	.10¾- —
RH	lb.	.10¾- —
RS	lb.	.10¾- —
V col. ½	lb.	.12¾- —
1	lb.	.11¾- —
1½-3	lb.	.10¾- —
3½ and darker	lb.	.09¾- —
W col. ½	lb.	.13¼- —
1	lb.	.12¾- —
1½-2	lb.	.11¾- —
2½ and darker	lb.	.10½- —

All "P" grades with melting point below 50 degrees C., and grades AX and BX are shipped in steel drums. Grades CX, DX, EX and FX are sold on a gross weight basis. All other grades are sold on a net weight basis and are shipped in destructible fiber and metal drums, but their packaging is subject to change without notice. Prices are based on f.o.b. plant at Frankfort, Pa., freight equalized with Pittsburgh, with no revisions for shipments made in fiber containers.

D

Dow Resin 276 V-2 and V-9, 55-gal. drums, c.l., works	lb.	.24 - —
l.c.l., same basis	lb.	.24½- —
5 and 10-gal. drums, same basis	lb.	.30 - —

RESINS THAT FIT THE JOB

DUREZ 202 — **Heat-reactive.** Promotes extreme hardness and very fast dry.

DUREZ 570 — **Non-heat-reactive.** High corrosion resistance. Maximum durability.

DUREZ 550 — **Non-reactive.** Non-yellowing, brilliant-gloss architectural finishes requiring soap resistance.

DUREZ 219 — **Terpene phenolic.** Promotes hardness and fast-dry. Has excellent solubility properties.

DUREZ 220 — **Terpene phenolic.** Aids in producing fast drying, hard, abrasion-resistant architectural finishes with good durability.

DUREZ 209 — **Terpene phenolic.** Has excellent color, good hardness, and water resistance—is compatible with a wide range of materials. Can be utilized in many more types of products than any other Durez coating resin.

For samples or further information on above Durez coating resins, write to . . .

DUREZ PLASTICS & CHEMICALS, INC.
135 Walck Road, North Tonawanda, N. Y.

RESINS THAT FIT THE JOB

CAUSTIC POTASH and . . .

On July 31, 1790 the first patent was issued by the U. S. Government, bearing the signature of George Washington, to Samuel Hopkins of Burlington, Vermont and covered the process of leaching wood ashes to produce potash for making soap.

Just 26 years later, in 1816, Innis, Speiden & Co. started supplying raw materials to industrial users. The succeeding 130 years have spanned the opening of a new century, and the intervening years have identified us with the pioneers in the introduction of the electrolytic process for producing CAUSTIC POTASH. We have built up a wealth of experience for today's "Know How" in the successful manufacture of this important ISCO product.

REGULAR GRADES
Flake • Solid • Granular
Broken • Liquid 45-50%
. . . for all uses

SPECIAL QUALITY
Liquid FF 45%, iron free . . . for soap makers
Liquid FC 45%, low in chloride and iron free
. . . for the manufacture of chemicals where extra purity is required

CARBONATE OF POTASH
Calcined 99-100% Hydrated 83-85%
Liquid 47-48%

High in K_2CO_3 content, and low in impurities. Produced at Niagara Falls, N. Y., from a pure chemical grade of Potassium Chloride of domestic origin.

The Calcined is available in 325 lb. barrels, the Hydrated in barrels of 400 lbs. net, protected from air through the use of double, heavy, moisture-proof paper liners which assure delivery of contents in the free-flowing state as packed at the factory. The Liquid form is shipped in steel drums of 55 gallons, and in tank cars.

ISCO
INNIS, SPEIDEN & CO.
117 LIBERTY STREET • NEW YORK 6
BOSTON CHICAGO CINCINNATI
CLEVELAND GLOVERSVILLE PHILADELPHIA

Duraplex (Allied type), A-37 (60% in xylol), bbls., c.l.lb. .19½- —
l.c.l. .....lb. .20 - —
A-39 (60% in xylol), bbls., c.l..lb. .21 - —
l.c.l. .....lb. .21½- —
C-46EV (60% in mineral thinner)..lb. .18 - —
l.c.l. .....lb. .18½- —
l.c.l. .....lb. .19% - —
C-45 LV (100% solids), bbls., c.l..lb. .24 - —
l.c.l. .....lb. .24½- —
C-48 (60% in mineral thinner), bbls., c.l..lb. .17½- —
l.c.l. .....lb. .18 - —
(100% solids), bbls., c.l..lb. .23 - —
l.c.l. .....lb. .23½- —
C-49 (60% in mineral thinner), bbls., c.l..lb. .19 - —
l.c.l. .....lb. .19½- —
100% solids, bbls., c.l..lb. .29½- —
l.c.l. .....lb. .30½- —
D-46 (70% in mineral thinner), bbls., c.l..lb. .16 - —
l.c.l. .....lb. .16½- —
D-48 (70% in mineral thinner), bbls., c.l..lb. .22 - —
l.c.l. .....lb. .22½- —
E-71 (100% solids), bbls., c.l. lb. .34½- —
l.c.l. .....lb. .35½- —
E-73 (100% solids), bbls., c.l. lb. .34½- —
l.c.l. .....lb. .35% - —
ND-77-B (60% in xylol), bbls., c.l..lb. .19½- —
l.c.l. .....lb. .20 - —

Duraplex (alkyl-type), AL-210 (100% solids), bbls., c.l. lb. .17 - —
l.c.l. .....lb. .17½- —

Duraplex prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in district 1, comprising any point in the United States except in the States of Arizona, California, Colorado, Idaho, Montana, New Mexico, Nevada, Oregon, Texas, Utah, Washington and Wyoming.

Durite, 1301, pale, one drum and over..lb. .29 - —
smaller lots.....lb. .30 - —

Durite prices are f.o.b. Phila., Pa., with freight allowed east of Rocky Mts.

E

Esterol, Group "A," A (E.S. 2) non-ret. dms., c.l., works, frt. alld. to U. S. except Ariz., Calif., Colo., Ida., Mont., Nev., N. M., Tex., Utah, Wash., Wyo..lb. .15½- —
l.c.l. .....lb. .16 - —
2 (E.S. 162), 21 (E.S. 201), c.l., same basis..lb. .16 - —
l.c.l. .....lb. .16½- —
22 (E.S. 202), c.l., same basis. lb. .12 - —
l.c.l. .....lb. .12½- —
fb. .11 - —
25 (E.S. 246), c.l., same basis. l.c.l. .....lb. .11 - —
33 (E.S. 266), c.l., same basis. lb. .12½- —
l.c.l. .....lb. .13 - —
562 (E.S. 12), c.l., same basis. lb. .16½- —
l.c.l. .....lb. .17 - —

Esterol, 600 (E.S. 56), c.l., same basis..lb. .15 - —
l.c.l. .....lb. .15½- —
750 (E.S. 94), c.l., same basis. lb. .18 - —
l.c.l. .....lb. .18½- —
1600 (E.S. 88), 2126 (E.S. 69), c.l., same basis..lb. .15 - —
l.c.l. .....lb. .15½- —
2600 (E.S. 72), c.l., same basis. lb. .18 - —
l.c.l. .....lb. .18½- —
Group "B," B (E.S. 3), c.l., same basis..lb. .15 - —
l.c.l. .....lb. .15½- —
H-1 (E.S. 36), c.l., same basis. lb. .19 - —
l.c.l. .....lb. .19½- —
1-L (E.S. 14), c.l., same basis. lb. .16½- —
l.c.l. .....lb. .17 - —
P-V (E.S. 42), 600 (E.S. 297), c.l., same basis..lb. .16% - —
l.c.l. .....lb. .17½- —
2126 (E.S. 259), c.l., same basis..lb. .16 - —
l.c.l. .....lb. .16½- —
2062 (E.S. 282), c.l., same basis..lb. .12 - —
l.c.l. .....lb. .12½- —
2628 (E.S. 69), c.l., same basis..lb. .14½- —
l.c.l. .....lb. .15 - —

Group "A" are standard production items normally carried in the manufacturer's inventory. Group "B" are not always so carried.

Ethocel, otns. (50-lb.), 5,000 lbs. or more, frt. alld. 100 lbs. up, works..lb. .80 - —
under 5,000 lbs., same basis..lb. .82 - —
under 50 lbs., same basis..lb. .90 - —

F

Flexalyn, solid, non-ret, black iron dms., c.l., f.o.b. cars, destination, zone 1. lb. .13¾- —
10 dms., same basis....lb. .14½- —
1-9 dms., same basis..lb. .16 - —
C, non-ret., black iron dms., c.l., f.o.b. cars, destination, zone 1..lb. .13 - —
10 dms., same basis....lb. .13¾- —
1-9 dms., same basis...lb. .15½- —
solution, non-ret. dms., c.l., f.o.b. cars, destination, zone 1..lb. .13¼- —
10 dms., same basis....lb. .14 - —
1-9 dms., same basis...lb. .15½- —
C, non-ret. dms., c.l., f.o.b. cars, destination, zone 1. lb. .12½- —
10 dms., same basis....lb. .13¼- —
1-9 dms., same basis...lb. .14¾- —
FCD 501, 100%, non-ret. dms., c.l., works, frt. alld. Zone 1. lb. .24½- —
l.c.l. .....lb. .25¼- —
515-X, 70%, c.l., same basis.lb. .22 - —
l.c.l. .....lb. .22½- —
515, 70%, c.l., same basis....lb. .18 - —
l.c.l. .....lb. .18½- —
515, 100%, c.l., same basis..lb. .25 - —
l.c.l. .....lb. .25¾- —
517, 60%, c.l., same basis...lb. .16½- —
l.c.l. .....lb. .17 - —
521, 50%, same basis.....lb. .13¾- —
l.c.l. .....lb. .14¼- —
520, 50%, c.l., same basis....lb. .13¾- —
l.c.l. .....lb. .14¼- —
525 LV, 60%, c.l., same basis. lb. .16¼- —
l.c.l., same basis.....lb. .16¾- —
527, c.l., same basis.....lb. .18 - —
l.c.l. .....lb. .18½- —
527, 100%, c.l., same basis..lb. .25% - —
l.c.l. .....lb. .25% - —
528, 70%, c.l., same basis...lb. .16½- —
l.c.l. .....lb. .17¼- —
535, 50%, c.l., same basis...lb. .15 - —
l.c.l. .....lb. .15½- —
538, 50%, c.l., same basis...lb. .15% - —
l.c.l. .....lb. .16¼- —
545, 50%, c.l., same basis...lb. .13½- —
l.c.l. .....lb. .16 - —
alkyd, 555, 50%, c.l., same basis. lb. .15¼- —
l.c.l. .....lb. .15% - —
565, 60%, c.l., same basis..lb. .18 - —
l.c.l. .....lb. .18½- —
575, 50%, c.l., same basis..lb. .11½- —
l.c.l. .....lb. .12 - —
maleic, 3-V, non-ret. dms., c.l., works, frt. alld. zone 1..lb. .15 - —
l.c.l. .....lb. .15½- —
4, c.l., same basis.....lb. .17¼- —
l.c.l. .....lb. .17% - —
4-V, c.l., same basis.....lb. .18 - —
l.c.l. .....lb. .18½- —
5-V, c.l., same basis.....lb. .18 - —
l.c.l. .....lb. .18½- —
6-V, c.l., same basis.....lb. .17% - —
l.c.l. .....lb. .18 - —
7-V, c.l., same basis.....lb. .18 - —
l.c.l. .....lb. .18½- —
16, c.l., same basis.....lb. .19½- —
l.c.l. .....lb. .20 - —
phenolic, 101, non-ret. dms., c.l., works, frt. alld. Zone 1..lb. .32 - —
l.c.l. .....lb. .32½- —
102, c.l., same basis.....lb. .31 - —
l.c.l. .....lb. .31½- —
modified phenolic, 122, non-ret. dms., c.l., works, frt. alld. Zone 1..lb. .17 - —
l.c.l. .....lb. .17½- —
140, c.l., same basis.....lb. .17½- —
l.c.l. .....lb. .18 - —
142, c.l., same basis.....lb. .16 - —
l.c.l. .....lb. .16½- —
144, c.l., same basis.....lb. .17½- —
l.c.l. .....lb. .18 - —
157, c.l., same basis.....lb. .18 - —
l.c.l. .....lb. .18½- —
163, c.l., same bsis.....lb. .17% - —
l.c.l., same basis.....lb. .18 - —
165, c.l., works.....lb. .16 - —
l.c.l., same basis.....lb. .16½- —
synthetic copal, 508, non-ret. dms., c.l., frt. alld. Zone 1..lb. .17 - —
l.c.l. .....lb. .17½- —

G

G, resin, dms., gross weight, works..lb. .06 - —
Geon polyvinyl resins, Nos. 101 and 102, 30,000 lbs., works lb. .36 - —
5,000 to 29,999 lbs., same basis..lb. .34 - —
200 to 4,999 lbs., same basis. lb. .36 - —
up to 199 lbs., same basis. lb. .50 - —
Geon polyvinyl resins, No. 202, 30,000 lbs., works..lb. .36 - —
5,000 to 29,999 lbs., same basis..lb. .37 - —
200 to 4,999 lbs., same basis. lb. .39 - —
up to 199 lbs., same basis..lb. .56 - —
203, 30,000 lbs., works.....lb. .36 - —
5,000 to 29,999 lbs., same basis..lb. .39 - —
200 to 4,999 lbs., same basis. lb. .41 - —
up to 199 lbs., same basis.lb. .58 - —
Guai-a-phene, dms., dms. incl., non-ret. works, 50-55 gals. gal. 2.50 - —
10 gals., two fives, per case, works..gal. 2.57 - —
5 gals., one can per case, works..gal. 2.62 - —
6 gals., six ones in single case, works..gal. 2.72 - —
1 gal., in single carton, works..gal. 2.82 - —

H

Hercolyn (see methyl abietate hydrogenated) in Current Market Quotations.
Hydrogum, P-190, dms., c.l...lb. .14½- —
l.c.l. .....lb. .15 - .15½

J

Jesite (see zinc-iron oxide pigment in regular list above).

K

Kopol, 500, estered, D-B, c.l..lb. .22½- —
l.c.l. .....lb. .23 - .23½
501, fused, c.l.....lb. .20½- —
l.c.l. .....lb. 21 - .21½

L

Lewisol resin, 2 L, non-returnable light-gauge steel dms., c.l., f.o.b. cars, destination, zone 1..lb. .16½- —
l.c.l., 10 dms, same basis..lb. .17 - —
1 dm., same basis.....lb. .17½- —
2S, non-returnable light gauge steel dms., c.l., f.o.b. cars, destination, zone 1..lb. .16½- —

"HIGHLY EFFECTIVE AS MOLD LUBRICATING AGENTS"

Are highly effective as lubricating agents in plastic and rubber molding operations. Because these carefully processed stearates are of uniformly fluffy texture and have no tendencies to form greasy lumps, finished products can be withdrawn smoothly and cleanly from the molds. Witco Barium Stearate has the additional advantage of an extremely high melting point—275°C—which permits its use at temperatures at which other stearates are not effective. Witco Barium, Calcium, Lead and Zinc Stearates impart improved working qualities to formulations in which they are contained. Send for samples today.

WITCO CHEMICAL COMPANY
Manufacturers and Exporters
295 MADISON AVENUE, NEW YORK 17, N. Y. • Boston • Chicago • Detroit • Cleveland • Akron • London

Lewisol resin 33, 10 dms., same basis..lb. .17 - —
1-9 dms., same basis.....lb. .17½- —
33, non-returnable light gauge steel dms., c.l., f.o.b. cars, destination, zone 1..lb. .17½- —
10 dms, same basis.....lb. .18 - —
1-9 dms., same basis.....lb. .18½- —

Lewisol resin prices are f.o.b. cars, New Eng. and Middle Atlantic States, Va., W.Va., N.C., Ky., O., Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn.; St. Louis, Mo. Prices are dms. included, not returnable; net 30 days.

M

Metronite pigment, 120 and 180 mesh, containers included, c.l., f.o.b. Milwaukee..
ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
250 mesh, containers included, c.l., same basis..ton.16.00 - —
l.c.l., same basis.....ton.18.00 - —
325 mesh, containers included, c.l., same basis..ton.20.00 - —
l.c.l., same basis.....ton.26.00 - —
400 mesh, containers included, c.l., same basis..ton.27.50 - —
l.c.l., same basis.....ton.38.00 - —

N

Neo-fat drying oil, 170, dms., c.l., dlvd..lb. .16¾- —
190, dms., c.l., dlvd.....lb. .21¾- —
290, dms., c.l., dlvd.....lb. .23¾- —
fatty acid, 3R, dms., c.l., dlvd. lb. .14⅞- —
17 dms., c.l., dlvd.....lb. .14⅝- —
19, dms., c.l., dlvd.....lb. .19⅝- —

Neo-fat prices are ½c. per lb. higher in all States west of the Rocky Mountains. Drums are included and not returnable.

Neolyn 20, non-ret. dms., f.o.b. cars, destination, zone 1. lb. .24 - —
10 dms., same basis....lb. .24½- —
1-9 dms., same basis...lb. .25 - —
40, non-ret. dms., f.o.b. cars, destination, zone 1..lb. .26 - —
10 dms., same basis....lb. .26½- —
1-9 dms., same basis...lb. .27 - —
Nevillac, pale, hard, color 1-2, melting point 85-95°C., drums, works..lb. .19 - —
hard, color 2-½-4, melting point 85-95°C., same basis..lb. .17 - —
soft, color 2-½-4, melting point 65-75°C., same basis..lb. .17 - —
10 C, color ½-4, same basis..lb. .24 - —
LX-483, same basis.....lb. .28 - —
OA, same basis.....lb. .45 - —
RP, same basis.....lb. .25 - —
TS, same basis.....lb. .60 - —
RT, same basis.....lb. .31 - —
RA, same basis.....lb. .31 - —
Neville resin,* R-1 nevindene, color ¼, dms., works..lb. .13½- —
R-3, nevindene, color 1, dms., works..lb. .12½- —
R-5, nevindene, color 1½-2, dms., works..lb. .11½- —
R-6, nevindene, color 2½-3½, dms., works..lb. .10½- —
R-7, N.P.S., color below 3, dms., works..lb. .12⅝- —
R-9, hard, color ½, dms., works..lb. .12⅝- —
R-10, hard, color 1, dms., works..lb. .11⅝- —
R-11, hard, color 1½-2, dms., works..lb. .10⅝- —
R-12, hard, color 2½-3½, dms., works..lb. .09⅝- —
R-13, medium, color ½, dms., works..lb. .12⅝- —
R-14, medium, color 1, dms., works..lb. .11⅝- —
R-15, medium, color 1½-2, dms., works..lb. .10⅝- —
R-16, medium, color 2½-4, dms., works..lb. .09⅝- —
R-16A, medium, color 7-10, dms., works..lb. .08½- —
R-17, medium, soft, color 3½-8, dms., works..lb. .10⅝- —
R-19, medium, soft, color 3½-8, dms., works..lb. .10⅝- —
R-21, soft, color 3½-8, dms., works..lb. .10⅝- —
R-22, special, soft, color 3½-8, dms., works..lb. .10⅝- —
R-27, medium, soft, color 1, dms., works..lb. .13⅝- —
R-28, medium, soft, color 1½-8, dms., works..lb. .12⅝- —
R-29, medium, soft, color 2½-2, dms., works..lb. .12⅝- —
465, 110-125°C., dms., gross weight, Pittsburgh..lb. .06½- —

Neville resin prices, except 465 resin, are freight equalized with Phila. Less than full drum shipments are 5c. per pound additional, f.o.b. Neville Island, Pa.

Nevilloid, C-55 emulsion, ret. dms., works..lb. .12 - —
C-10 emulsion, ret. dms., works. lb. .1125- —

Nextex, 10, returnable dms., works..lb. .08 - —
90, returnable dms., works.lb. .20 - —
Nuba, 1, 80-90° C., dms., gross weight, works..lb. .0290- —
2, 100-125° C., dms., gross weight, works..lb. .0290- —
3x, 135-150° C., dms., gross weight, works..lb. .04¼- —
Nuodex drier, cobalt, 6%, 400-lb. pkgs..lb. .30¼- —
100-lb. pkgs.....lb. .31¼- —
Calcium, 5%, 400-lb. pkgs.lb. .22⅝- —
100-lb. pkgs.....lb. .23⅝- —
Iron, 6%, 400-lb. pkgs.....lb. .14⅝- —
100-lb. pkgs.....lb. .15⅝- —
lead, 24%, 450-lb. pkgs....lb. .14 - —
100-lb. pkgs.....lb. .15 - —
36%, 500-lb. pkgs.....lb. .21¼- —
100-lb. pkgs.....lb. .22¼- —
Manganese, 6%, 400-lb. pkgs. lb. .15⅝- —
100-lb. pkgs.....lb. .16⅝- —
Zinc, 8%, 400-lb. pkgs.....lb. .15⅝- —
100-lb pkgs.....lb. .16⅝- —
Cobalt, 4%, 460-lb. pkgs....lb. .19⅝- —
100-lb. pkgs.....lb. .20⅝- —
Lead, 16%, 450-lb. pkgs....lb. .09 - —
100-lb. pkgs.....lb. .10 - —
Manganese, 4%, 400-lb. pkgs. lb. .09¼- —
100-lb. pkgs.....lb. .10¼- —

All prices are dlvd. to customer's plant everywhere in U.S.A.

P

Paradene, No. 1, 75-90° C., color 12-16, dms., gross wt., works, lb. .0525- —
2, 100-125° C., color 12-16, dms., gross wt., works..lb. .0525- —
33, 34, color 10-15, dms., works, lb. .0625- —
35, color 10-15, dms., works, gross wt..lb. .0675- —

Paradene prices are freight equalized with Philadelphia, Pa.

Paradura 275, c.l., dlvd.....lb. .25 - —
l.c.l. .....lb. .26 - —
Paranol resin, hard, No. 1, c.l.lb. .16 - —
l.c.l. .....lb. .16½- —
extra hard No. 1, c.l.....lb. .16½- —
l.c.l. .....lb. .17 - —
25, c.l., dlvd.....lb. .16½- —
l.c.l. .....lb. .17 - —
30, c.l., dlvd.....lb. .17½- —
l.c.l. .....lb. .17⅝- —
54, c.l., dlvd.....lb. .19½- —
l.c.l. .....lb. .20 - —
200, c.l., dlvd.....lb. .18½- —
l.c.l. .....lb. .19 - —
500, hard, c.l., dlvd.....lb. .17½- —
l.c.l. .....lb. .18 - —
850, c.l., dlvd.....lb. .17½- —
l.c.l. .....lb. .18 - —
1700, c.l., dlvd.....lb. .18½- —
l.c.l. .....lb. .19 - —
1750, c.l., dlvd.....lb. .17⅝- —
l.c.l. .....lb. .18½- —
Paraplex (resin plasticizers), RG-2 (60% in xylol), bbls., c.l..lb. .23½- —
l.c.l. .....lb. .22 - —
(100% solids), bbls., c.l....lb. .44½- —
l.c.l. .....lb. .45½- —
RG-7 (60% in xylol), bbls., c.l. lb. .24½- —
l.c.l. .....lb. .25 - —
RG-8 (100% solids), bbls., c.l. lb. .29 - —
l.c.l. .....lb. .29⅝- —
G-29 (60% in butyl acetate), bbls., c.l..lb. .46½- —
l.c.l. .....lb. .47 - —
(100% solids), bbls., c.l....lb. .60 - —
l.c.l. .....lb. .60⅝- —
5-B (80% in xylol), bbls., c.l.lb. .23½- —
l.c.l. .....lb. .24 - —
(100% solids), bbls., c.l....lb. .28½- —
l.c.l. .....lb. .29⅝- —
AL-16 (70% in xylol), bbls., c.l. lb. .23 - —
l.c.l. .....lb. .23½- —
(100% solids), bbls., c.l....lb. .31 - —
l.c.l. .....lb. .31⅝- —

Paraplex (resin plasticizers), AL-111 (100% solids), bbls., c.l..lb. .21 - —
l.c.l. .....lb. .21⅝- —

Paraplex prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in district 1, comprising any point in the United States except in the States of Arizona, California, Colorado, Idaho, Montana, New Mexico, Nevada, Oregon, Texas, Utah, Washington and Wyoming.

Parasenes, 5 solid resins, c.l. and l.c.l., dlvd..lb. .13 - —
4634 solutions (50% in mineral spirits), c.l., dlvd..lb. .11 - —
l.c.l. .....lb. .11½- —
Pentalyn A, non-ret. dms., f.o.b. cars, destination, zone 1. lb. .13½- —
10 dms., same basis....lb. .14 - —
1-9 dms., same basis....lb. .14½- —
C, non-ret. dms., f.o.b. cars, destination, zone 1..lb. .15⅝- —
10 dms., same basis....lb. .16½- —
1-9 dms., same basis....lb. .16⅝- —
G, non-ret. dms., f.o.b. cars, destination, zone 1..lb. .15 - —
10 dms., same basis....lb. .15½- —
1-9 dms., same basis....lb. .16 - —
F, non-ret. dms., f.o.b. cars, destination, zone 1..lb. .15 - —
10 dms., same basis....lb. .15½- —
1-9 dms., same basis....lb. .16 - —
P.H.O., dms., works.....lb. .24 - —
Piccolastic, A-1, A-5, A-25, A-50, B-50, C-5, C-25, C-50, E-50 types, c.l., Clairton, Pa..lb. .20 - —
l.c.l., same basis.....lb. .20½- —

The above types are sold in heavy gauge steel drums, weighing approximately 52 lbs. each. Drums extra at $1.25 each, and non-returnable.

Piccolastic, A-75, B-75, B-100, C-75, C-100, C-125, D-75, D-100, D-125, D-150, E-75, E-100, E-125 types, c.l., Clairton, Pa..lb. .20 - —
l.c.l., same basis.....lb. .20½- —

The above types are sold on a net weight basis, in light gauge steel drums weighing approximately 15 lbs. each, drums included.

FT, TX, FHF types, c.l., Clairton, Pa..lb. .12½- —
l.c.l., same basis.....lb. .13 - —

The above types are in heavy gauge steel drums, weighing approximately 52 lbs. each. Drums extra at $1.25 each, and non-returnable.

Piccolyte resins, S-10, S-25, S-40, dms., net. wt., f.o.b. Clairton, Pa., c.l..lb. .15 - —
l.c.l. .....lb. .15½- —
S-55, S-70, same basis, c.l.lb. .16 - —
l.c.l. .....lb. .16½- —
S-35, S-100, same basis, c.l.lb. .17 - —
S-55, S-100, same basis, c.l.lb. .17 - —
l.c.l. .....lb. .17½- —
S-115, same basis, c.l.....lb. .18 - —
l.c.l. .....lb. .18½- —
Piccoumaron resins, 420, 420-S, dms., gross wt., f.o.b. Clairton, Pa., frt. equald..lb. .08 - —
420-T, same basis.....lb. .0675- —
422-R, 423-R, 425-R, 427-R, dms., net. wt., same basis. lb. .1075- —
430, 435, bulk, gross wt., same basis..lb. .045 - —
440-T, same basis.....lb. .0625- —
450, 450-H and 450-S, same basis..lb. .09 - —
450-EH, same basis.....lb. 0975- —
460-T, same basis.....lb. .0575- —
XX-25, XX-40, bulk, net. wt., same basis..lb. .0625- —

AROPLAZ 1379

high IN PHTHALICS low IN COST...

...for air-dry and low-temperature baking finishes.

AROPLAZ 1379, a modified alkyd resin of medium-to-short oil length, is U. S. I.'s answer to your current need for a high-quality, low-cost, non-quota resin. Its high phthalic content assures top performance in a wide variety of air-drying and low temperature baking finishes for such items as metal cabinets, toys, hardware, implements, and similar items. It also works well in metal primers, low-cost finish coats, and as a general utility vehicle. This versatile resin is priced at a very attractive level. Your request for samples will receive prompt attention. Phone or write today.

Specifications

Solution:	49-51% solids in mineral spirits
Viscosity (G.H.):	X-Z
Color (G.H. 1933):	10-12
Acid value (solvent free basis):	10-16
Wt/gallon @ 250 C.:	7.7-7.8 lbs.
Oil Content (solvent free basis):	No reportable oil
Phthalic Anhydride (solvent free basis):	33%

U.S. INDUSTRIAL CHEMICALS, INC.
60 East 42nd Street, New York 17, N. Y.

Piccoumaron resins, XX-55, dms., gross wt., same basis..lb. 0575- —
XX-70, XX-100, same basis..lb. .0525- —
XX-115, same basis.....lb. .0575- —
T-115, same basis.....lb. .0725- —
70%, 420-S Sol., ret. dms., net wt..lb. .078 - —
Pilolite, S-1, powder, 600-lb. lots, works..lb. .53 - —
less than 600 lbs., same basis, lb. .55 - —
milled S-1 resin, 600-lb. lots, works..lb. .58 - —
less than 600 lbs., same basis, lb. .60 - —
Piyophen, plastic resins, 5000, c.l., works..lb. .18¼- —
l.c.l., same basis.....lb. .18⅝- .19⅛
5010, c.l., same basis.....lb. .17¼- —
l.c.l., same basis.....lb. .17⅝- .18⅛
5012, 5013, c.l., same basis.lb. .13¼- —
l.c.l., same basis.....lb. .13⅝- .14⅛
5014, c.l., same basis.....lb. .14⅜- —
l.c.l., same basis.....lb. .15¼- .15⅝
Polypale, ester, No. 10, non-ret. dms., c.l., divd..lb. .12 - —
10 dms., same basis....lb. .12¼- —
1-9 dms., same basis...lb. .12⅝- —

R

Resinous oil, No. XI, returnable dms., works..lb. .0160- —

S

Saran F-120 resin, c.l., works..lb. .57 - —
l.c.l., same basis.....lb. .59 - —
F-122 latex, approx. 50% solids contained, wood bbls. (55 gals.), c.l., works..lb. .40 - —
l.c.l., same basis.....lb. .44 - —
10-gal. bbls., same basis..lb. .50 - —
Silene (see Calcium silicate hydrated under C in Current Market Quotations).
Staybelite ester, No. 5, ret. dms. (dms. charged $6 each, extra), f.o.b. cars, c.l., destination, zone 1..lb. .15 - —
10 dms., same basis.....lb. .15¼- —
1 dm., same basis.....lb. .15½- —
No. 10, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1..lb. .15 - —
10 dms., same basis.....lb. .15½- —
1 dm., same basis.....lb. .15½- —
Super-Beckacite, 1001, c.l.....lb. .33 - —
l.c.l., same basis.....lb. .33½- .34
1003, F.E., c.l.....lb. .31 - —
l.c.l., same basis.....lb. .31½- .32
2000, M-K, c.l.....lb. .27 - —
l.c.l., same basis.....lb. .27½- .28
2100, M-I, c.l.....lb. .27 - —
l.c.l., same basis.....lb. .27½- .28
3011, c.l.....lb. .31½- —
l.c.l.....lb. .32 - .32½
Syntex resins, 9 (or 1922), non-ret. dms., c.l., works, Louisville, Ky..lb. .18¼- —
l.c.l.....lb. .18⅝- —
16, c.l., same basis.....lb. .19⅜- —
l.c.l., same basis.....lb. .20¼- —
18, c.l., same basis.....lb. .17½- —
l.c.l.....lb. .18 - —
19-B, c.l., same basis.....lb. .16¼- —
l.c.l.....lb. .16⅝- —
19-C, c.l., same basis.....lb. .13⅝- —
l.c.l.....lb. .14¼- —
22, c.l., same basis.....lb. .15⅝- —
l.c.l.....lb. .16¼- —
23, c.l., same basis.....lb. .14⅜- —
23-R, c.l., same basis.....lb. .14⅜- —
l.c.l., same basis.....lb. .15¼- —
l.c.l.....lb. .15¼- —
Syntex resin, 23-5D, c.l., same basis..lb. .11⅝- —
l.c.l., same basis.....lb. .12⅛- —
28, c.l., same basis.....lb. .18⅜- —
l.c.l.....lb. .19¼- —
32, c.l., same basis.....lb. .15¼- —
l.c.l.....lb. .15⅝- —
40, 50, c.l., same basis.....lb. .16½- —
l.c.l.....lb. .17 - —
40-LR, c.l., same basis.....lb. .18¼- —
l.c.l., same basis.....lb. .18⅝- —
50-L, c.l., same basis.....lb. .17 - —
l.c.l., same basis.....lb. .17½- —
60-A, c.l., same basis.....lb. .21⅜- —
l.c.l.....lb. .22¼- —
60-AL, c.l., same basis.....lb. .22¼- —
l.c.l., same basis.....lb. .22⅝- —
115, c.l., same basis.....lb. .12½- —
l.c.l.....lb. .13 - —
117, c.l., same basis.....lb. .13½- —
l.c.l., same basis.....lb. .14 - —
121, c.l., same basis.....lb. .17½- —
l.c.l.....lb. .18 - —
217, c.l., same basis.....lb. .15¼- —
l.c.l.....lb. .15⅝- —
217-R, c.l., same basis.....lb. .15¼- —
l.c.l., same basis.....lb. .15⅝- —
1979, c.l., same basis.....lb. .17¼- —
l.c.l.....lb. .17⅝- —
H-8, c.l., same basis.....lb. .18 - —
l.c.l.....lb. .18½- —
H-12, c.l., same basis.....lb. .17¼- —
l.c.l.....lb. .17⅝- —
H-15, c.l., same basis.....lb. .14½- —
l.c.l.....lb. .15 - —

U

Uformite, F-200-E (50% in butanol; xylol) bbls., c.l.lb. .20½- —
1-10 drum lots.....lb. .21 - —
F-226-E (50% in capryl alcohol), bbls., c.l..lb. .22 - —
1-10 drum lots.....lb. .22½- —
Uformite MM-55 (50% in butanol: xylol), bbls., c.l..lb. .28½- —
1-10 drum lots.....lb. .29 - —
MU-56 (50% in butanol: xylol), bbls., c.l..lb. .27 - —
1-10 drum lots.....lb. .27½- —
MM-58 (50% in capryl alcohol), bbls., c.l..lb. .29 - —
l.c.l. .....lb. .29½- —

Uformite prices are f.o.b. manufacturer's plant, with minimum transportation charges allowed to destination on shipments of one barrel or more in district I.

V

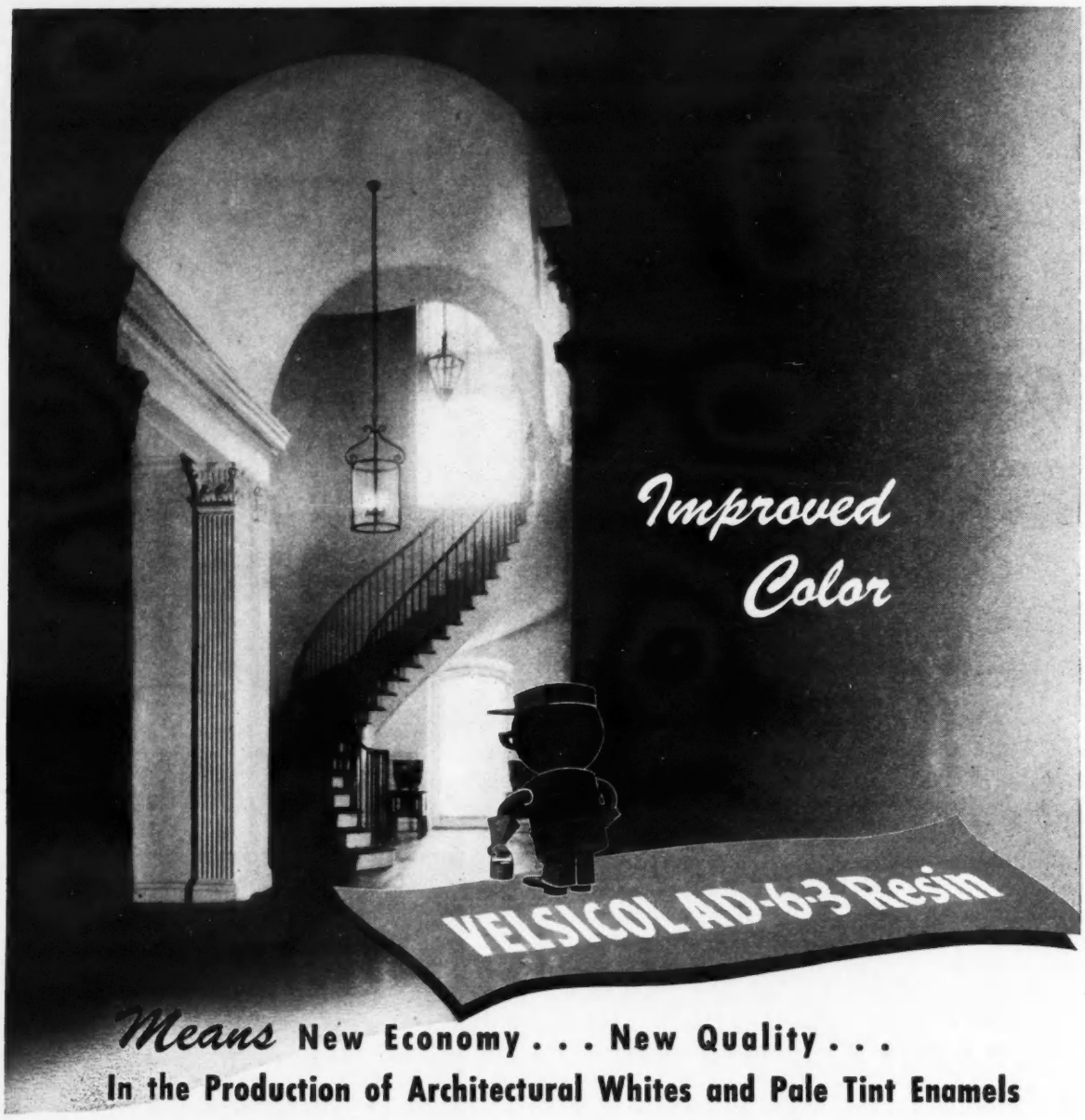
Vanadiset resins, Grade A, 285-300° F. m.p., whse..lb. .0165- .035
Grade B, 245-255° F. m.p., whse..lb. .0225- .050
Grade C, 315-340° F. m.p., whse..lb. .0165- .035
Grade D, 170-180° F. m.p., whse..lb. .0165- .035
Grade E, 275-285° F. m.p., whse..lb. .0225- .050
Grade F, 225-235° F. m.p., whse..lb. .0225- .050
pulverized, whse.....lb. .0850- .210
solution, whse.....lb. .4000- .650
Velsicol, resins, AD-6-3, dms., c.l., Marshall, Ill..lb. .11⅞- —
dms., 10 dms. up.....lb. .12⅜- —
1-9 dms.....lb. .12⅞- —
AB11-4, dms., c.l., same basis, lb. .06⅜- —
l.c.l., same basis.....lb. .06 - —
Solutions, AD-600, tankcars, same basis..lb. .08¼- —
dms., c.l., same basis....lb. .09⅜- —
l.c.l., same basis.....lb. .10⅛- —
AD660, tankcars, same basis, lb. .08 - —
dms., c.l., same basis....lb. .09¼- —
l.c.l., same basis.....lb. .09⅜- —
AD670, tankcars, same basis, lb. .09 - —
dms., c.l., same basis....lb. .10¼- —
l.c.l., same basis.....lb. .10⅜- —
AB-400, tankcars, same basis, lb. .06¼- —
dms., c.l., same basis..lb. .07¼- —
l.c.l., same basis.....lb. .07⅜- —
Cost of containers included in above prices.
Vinsol resin, pulv., bgs., c.l., divd..lb. .02¼- —
l.c.l., divd., Met. area, lb. .06¼- —
Vinylseal, modified, vinyl acetate resin, 26.5% by weight, solution in toluene, T-24-9, non-ret. dms., 20-dm. lots, same basis..gal. 2.00 - —
drum lots, same basis....gal. 2.25 - —
less than drum lots, same basis..gal. 2.50 - —
23% by weight, solution in 32% methyl acetate, MA 26-18, 20-drum lots, same basis..gal. 2.15 - —
drum lots, same basis..gal. 2.40 - —
less drum lots.....gal. 2.65 - —
All "Vinylseal" containers except 5-gal. cbys. non-returnable.

Freight allowed to destinations in New England, Middle Atlantic States, Va., N.C., S.C., W. Va., O., Ky., Tenn., Ind., Ill., Mich., Wis., Ia., Mo. and Minneapolis, St. Paul, and Duluth, Minn. For shipments to all other points in U.S., add ½c. per lb. to c.l. and ⅝c. to l.c.l. prices.

Vinyl chloride-acetate, VYLF, VYHH, VYNW, VYNU, VYNV, VYNI, VYNL, powdered, c.l. (30,000 lbs.), paper bags, f.o.b. cars, South Charleston, W. Va..lb. .33 - —
10,000 to 29,999 lbs., same basis..lb. .34 - —
200 to 9,999 lbs., same basis, lb. .35 - —
1 to 199 lbs., same basis..lb. .51 - —
VYNS, c.l. (30,000 lbs.), paper bags, same basis..lb. .44 - —
10,000 to 29,999 lbs., same basis..lb. .45 - —
200 to 9,999 lbs., same basis, lb. .46 - —
1 to 199 lbs., same basis..lb. .62 - —
VYCM, pwd., c.l. (30,000 lbs.), paper bgs., f.o.b. cars, South Charleston, W. Va..lb. .38 - —
10,000-29,999 lbs., same basis..lb. .39 - —
200-9,999 lbs., same basis, lb. .40 - —
1-199 lbs., same basis, lb. .56 - —
modified vinyl chloride-acetate, VMCH, c.l. (30,000 lbs.), same basis..lb. .39 - —
10,000 to 29,999 lbs., same basis..lb. .40 - —
200 to 9,999 lbs., same basis, lb. .41 - —
1 to 199 lbs., same basis..lb. .57 - —
modified, acetate resins, AYAB, lumps (in fiber drums at option of seller): AYAA, AYAF, AYAT, granular (in paper bags only, f.o.b. cars South Charleston, W. Va., freight paid to destination E. of Mississippi River, c.l. (30,000 lbs.)..lb. .40 - —
AYAB, AYAA, AYAF, AYAT, 2,000 to 29,999 lbs., same basis..lb. .43 - —
200 to 1,999 lbs., same basis, lb. .45 - —
1 to 199 lbs., same basis.lb. .60 - —
chloride resins, AYAC, gran., fiber drms. at option of seller, c.l. (30,000 lbs.), f.o.b. cars, South Charleston, W. Va..lb. .43 - —
2,000-29,999 lbs., same basis..lb. .45 - —
200-1,999 lbs., same basis, lb. .47 - —
1-199 lbs., same basis..lb. .62 - —
QYNA, pwd., c.l. (30,000 lbs.), same basis..lb. .33 - —
10,000 to 29,999 lbs., same basis..lb. .34 - —
200 to 9,999 lbs., same basis, lb. .35 - —
1 to 199 lbs., same basis..lb. .51 - —
butyral resins, XYHT, XYHW, XYNC, granular, 96 to 97% solids prices based on contained solids (in paper bags at option of seller), 30,000 lbs., f.o.b. cars South Charleston, W. Va., c.l...lb. .62 - —
10,00 to 29,999 lbs., same basis..lb. .63 - —
200 to 9,999 lbs., same basis, lb. .64 - —
1 to 199 lbs., same basis.lb. 1.00 - —

Z

Zinlac, orange or white, 50-gal. bbls..gal. 1.80 - —
kits (5 gals.).....gal. 1.85 - —
jugs (1 gal.).....gal. 1.60 - —



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Chemical and Physical Properties	
Pounds per Gallon	8.75
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Crystallizing Point	Approximately —37°C. (—35°F.)
Viscosity at 25°C.	2.18 Centipoises
pH Anhydrous	7.0
pH 10% solution in distilled water	4.2

OPD—5-6-1946

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Tariff Bargaining Job

An extensive program of negotiation of tariff bargains—the international politicoeconomic deals peculiarly known as reciprocal trade agreements—awaits the attention and activity of the United States Department of State. The matter will be got to as soon as the shaping up of policy and process in the United Nations reaches a more definite stage. Meanwhile preparation for the tariff bargaining goes through its successive steps on the side of government. In some instances it has got so far as to permit some participation on the part of business in the general preliminaries.

The extent to which business is preparing for the job that tariff bargaining will imperatively present for its doing is a matter of immediate importance. The job is going to be a tough one. One of the biggest objectives among the things to be attempted in the remaking of the world is the freeing of international trade from nationalistic barriers. The tariff bargaining with which the United States wil undertake its part in that gigantic reformation is a very different process from the customary making of tariff laws. Although political economy has a large part in the bargaining process, the politics of the matter is not the log-rolling or vote-bidding methods of congressional procedure. It is not wholly distinct from their fundamental political expediency, but it is a different kind. Tariff bargaining, therefore, demands of business a role that is peculiar to that difference.

The preliminary work for the government in tariff bargaining is done by the Committee for Reciprocity Information. That agency has just issued a compilation of suggestions as to method and character of representations it will receive from business in connection with its collecting of relevant informative statistical data. It has also stated its readiness to confer informally with those interested in tariff bargaining from any angle. Business will do well to learn about those things and to do whatever is indicated by the fact that the agenda for the approaching negotiations comprise several thousand commodities, and are expected to be particularly concerned with chemicals and fatty oils.

The wishes of CRI are motivated by some aspects of commercial economy and some of social economy. The politicoeconomic aspects will come into the picture more prominently when the matter passes to the interdepartmental Trade Agreements Committee. Among the things that CRI asks to know about industries opposing reductions in tariff rates are (a) the character of the domestic industry concerned; (b) uses of its products; (c) general location of plants; (d) the number and character of employees, whether skilled or unskilled; (e) the quantity and value of the annual output; (f) the position of the industry in the national business structure. It also asks for detailed data on per unit costs of production in comparison with costs in other countries. It is to be noted that the committee does not ask about the time that an industry has been in existence. The fetich of "infant industry" appears to have been discarded.

Business is faced with a demand for statistical information indicative of its fitness to survive in the new era of free competition. The issue cannot be dodged—nor do its implications have to be taken lying down. It is certain that, if business does not prepare and present an adequate case, its fate in the tariff bargaining will be wholly in other hands—not overly sympathetic in many instances. But, there is no good reason why business should not be fully and strongly represented with reference to all the aspects of the bargaining—of course, that will require work.

Reconversion of Veterans

Several somewhat new approaches to the big problem of how best to go about the fitting of war's veterans for the operations of peace have recently been stated. It is highly desirable and very necessary that solvent consideration of the problem be aroused from the lethargy that appears now to be characteristic; because the alternative to a satisfactory solution may easily be reconversion pay in perpetuity.

One of the newly voiced ideas on the reconverting of veterans is a caution against overloading the educational facilities of the nation with more or less immune matriculants and overloading the intellectual capacity of many veterans, seeking the easy way, with the consequential mental indigestion already noticeable in the traits and trends of many unqualified adsorbers of learning. A more expansive program of vocational training is advocated as a replacement for the scholastic scheme in veteran training. The advantages of such a change for the veteran are clear, and the benefits that would result in all his economic relationships when those inevitably became the things that count make the vocational road most attractive—in the long view. The difficulty is in making that road attractive now in comparison with the far rosier path of collegiate dalliance.

Business is lax in the development of a real scheme of on-the-job training for veterans, lax in its reluctance, at least, to see the future as a promise of two jobs for every one now in existence, not jobs in overcrowded vocational fields but jobs in new fields—not necessarily new vocations—as the old idea of sectionalized, or centralized, industry gives way to a new grasp of the opportunities for industrialization of every part of the country. Those opportunities do not call for learning-crammed heads. They want skilled hands, and minds fitted for the practical adaptation of the world's fallow knowledge.

Agricultural on-the-job training of veterans is being strongly recommended as a field of reconversion. The needs of that field are not easily defined, and they never were so easily served as was implied in the trite comment, "Anybody can be a farmer." But, there is room in the national economy for a better agriculture and, in spite of all the revived warnings about the necessity for crop curtailment, for a bigger one also. Its size will depend on its quality: nothing would be gained, and much might be lost, by attempting to fit the prevailing agricultural philosophy to a broader use of available land for a broader service of the food needs of the country.

The most intriguing among the suggested treatments for veterans is one that they be employed as an enforcement staff for the Office of Price Administration, directed particularly to the stamping out of black markets. Doubtless an adequate policing of price-control efforts would do much good, but the black markets are the creature of such a variety of factors that their extermination would not be that simple. There is at least as good a place for a million or two men in the combatting of the multitude of other relatively minor forms of the lawless inconsiderateness which so extensively strips respect, courtesy, and safety from the daily life of the nation. It is most improbable that any other people would tolerate, for example, the destructive toll of life and limb and property which has become a commonplace of automobiling in the United States

It is almost platitudinous to say that the veterans of the war should be trained for a constructive part in the building of a better future for the human race. It is necessary, first, that it be demonstrated to them that the human race feels that it could be improved and is ready to attempt its improvement.. There are many—and they are not inarticulate—who see opportunities in keeping the veterans under loafing pay and getting that easy money away from them by fraud or exploitation. Business cannot afford to permit anybody to be "trained" for the kind of future which that implies. The welfare of business must derive from the welfare of all. If the welfare of this generation of veterans does not get from business better consideration than was given that of the previous world war, some other agency again will "save the day"—and business will pay still more dearly.

Washington Talks It Over

—Continued from page 5

being conducted by the Fish and Wildlife Service indicate that sulfamerazin may be the long-sought specific for furunculosis in fish. This is a disease most dreaded in hatcheries because up to now the only way known to prevent its spread has been to destroy all the diseased fish.

Dr. James S. Gutsell, fishery biologist at the service's experimental hatchery at Leetown, W. Va., reports that furunculosis yields readily to treatment with sulfamerizin. In one experiment, mortality declined sharply in less than a week and stopped altogether in twelve to fifteen days. Other sulfa drugs were tried but found less effective than sulfamerazin.

In this country furunculosis chiefly affects brook and brown trout reared in hatcheries. In Europe, however, it is very destructive of wild trout and salmon.

Official Black Marketing

Farm bloc members in Congress found another opening for attack on the government's handling of the farmer's problems in the program of the agricultural department to pay a bonus of 30 cents a bushel on its corn and wheat purchases for export. They are charging the department with engaging in black market operations, made legal only by the fact that it is the government that is doing the buying and not a private individual or concern.

When all other considerations are laid aside, there is much to be said for the charges made by the bloc members. There is no doubt whatever that a private buyer doing the same thing would be hauled into court—if caught at it—for violating the ceiling regulations of OPA. But, aside from this the program is not fair to the producers who came forward voluntarily when the first call was made by the department for grain to feed Europe and sold their grain at the ceiling prices. Those that refused then are now reaping the benefits of a 30-cent bonus.

More will be heard about the inequities of the situation from Congress later and one member, Senator Hugh Butler, of Nebraska, already has proposed that private buyers be given the right to purchase wheat and corn at the same price as the government.

Army in the Public Eye

The War Department hasn't been too satisfied with the type of publicity that it has been getting since the end of the war. The chief reason for this is, of course, that there are too many in the department who haven't yet come to realize that wartime censorship has been lifted and that the public is entitled to know something about what is going on.

And another thing, because of the big fight now going on over the question of merging the army and the navy into a single military force, the army can do with a little more favorable publicity than it has been getting in the past. The people have yet to be sold on the idea that a single fighting force is better than two.

General Collins, director of information for the department, has called in an expert for a sixty-day inspection of the setup and to perform the miracle of improving the efficiency and serviceability of the department's public relations bureau. Jack H. Lockhart, able assistant to the wartime censor, Byron Price, and now with the Scripps-Howard newspapers, has been selected for the task.

Food Package Progress

Marketing specialists expect rapid advances in postwar packaging of many foods, according to a recent Department of Agriculture report on "Tomorrow's Packages." Wartime experience with military foods that had to be transported over long distances and under extremely unfavorable conditions stimulated active research, the results of which supplement the shift toward improved packaging that was underway before the war.

Packaging is an added expense in the marketing of food products, but there are gains that offset part of this expense. Fruits and vegetables are trimmed and cleaned before they are packaged, and no one pays transportation on this waste weight. Also packaged foods are well suited for sale at self-service stores, which means a savings in marketing costs.

Marketing specialists are looking forward to many tests and experiments in packaging of fresh foods—probably including ready - trimmed frozen meats. They believe that many ways will be found to make use of improved packaging materials and to win the approval of housewives who are the ultimate buyers of the foods.

Diathermy Decontrolled

Doctors and hospitals making purchases of diathermy equipment will no longer have to register this equipment with the Federal Communications Commission. The orders requiring registration have been rescinded by the agency as being no longer necessary now that the war is over. The government established strict control over such equipment back in 1942 when it was feared that spies and enemy agents might make use of the apparatus for transmission of radio messages.

Because diathermy equipment still remains a very serious source of interference with radio service, the commission has taken steps to call a conference to establish a set of rules of good engineering practice for the operation of the equipment. One of the aims of the commission is to require that all diathermy equipment manufactured after a specified date be required to operate within one of the three frequency channels centered on 13.66 mc, 27.32 mc, and 40.98 mc, which have previously been allocated for the operation of such equipment.

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- Iron Gluconate
- ✔ Iron Oxalate
- Niacin
- Niacinamide
- ✔ Oxalates
- Penicillin
- Potassium Iodide
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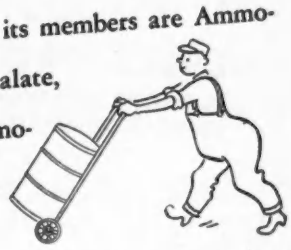

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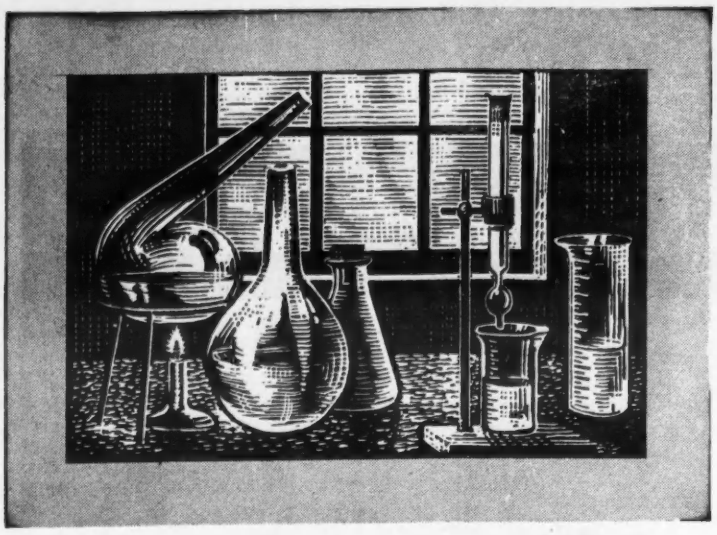

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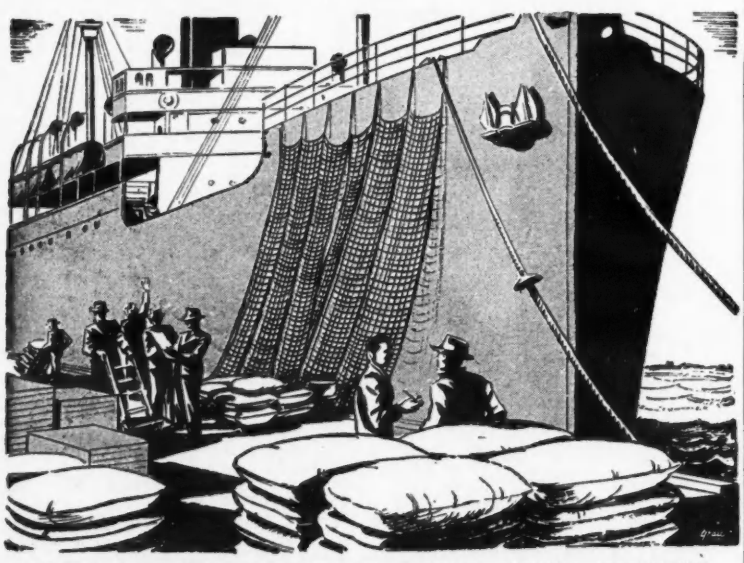

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Fulton Bags carry through. It takes a tough moisture resistant bag to get there in good shape, protecting its contents under all loading and shipping conditions. The waterproof paper lined cotton and burlap must be of even strength—the bag seaming must be dependable and stand up under the pressure of weight and handling. Our plants have supplied millions of bags for use in combat areas. Back here at home bags must move a long list of essentials ranging from hygroscopic chemicals to food items. Many Fulton Waterproof Paper Lined Bags are replacing containers made of critical materials—metal drums, wooden boxes and barrels. We will continue to serve for war and the home front to the limit of our ability.

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and introducing a new trade-mark

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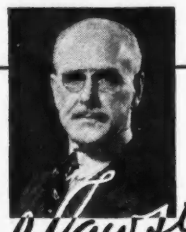

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President

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...THROUGH CHEMISTRY

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Heavy Chemicals

Production of heavy chemicals was cutback last week. Estimated reductions ranged from 10 to 30 percent with further decreases in sight. The soft coal strike has unsettled the industrial chemical situation and unless promptly settled will critically distort market conditions. Adding to the aggrevating circumstances is a serious shortage of steel containers resulting from a scarcity of sheet steel. In many instances the shortage of steel drums has bottlenecked the movement of chemicals. Prevailing conditions have also been reflected in the consuming industries although it was stated there have been relatively few contract cancellations, the disposition being to take shipments in order to build up inventories.

Reduced output of chlorine has checked accumulations but has tightened caustic soda. Prominent suppliers stated there was not a car of flaked caustic soda available in the open market. Soda ash appeared tighter than before if such a condition was possible. The phosphates, phosphorus compounds, chlorate of soda, oxalic acid and every other chemical that was previously short was in shorter supply at the end of the week. Coal holds the key to the country's industries at present and it is difficult to conceive how the strike can exist much longer.

Exports of industrial chemicals in February had a valuation of $9,331,000 against $6,536,000 in January. Imports in February were valued at $3,493,000, compared with $1,277,000 in January.

Resumption of activity in the Italian chemical industry has been very gradual and not in keeping with the physical condition of the plants, according to the National Industrial Association for Chemical Products. Full production in plants making sulphuric acid, soda, and chlorine is prevented only by the transportation situation and shortage of electric power. Lack of electricity hinders production of calcium carbide in the North, but three plants in central and southern Italy are operating on a limited basis. Calcium cyanamid was not being produced at the end of 1945.

Paper production as a percentage of six-day capacity was 100.6 in the week ended April 27, according to the American Paper and Pulp Association. This compares with 102.5 in the previous week and 87.0 percent a year ago.

Production figures in some of the following market reports were compiled by the Chemical Division of the Tariff Commission, unless otherwise specified.

Aluminum—Price of raw aluminum ingot, 99.5 percent, was reduced in Canada by a Canadian producer from 15c. a pound to 13¼c. The revision did not affect prices in the U. S. market.

Aluminum Scrap—Dealers' stocks totaled 53,005 tons on February 28, compared with 56,151 tons on January 31, according to the Bureau of Mines. Receipts were 8,963 tons, the lowest reported in more than three years. Shipments to consumers increased 662 tons, bringing the total to 12,109 tons for February.

Ammonia—Ordnance Department is said to be producing 4,000 tons of anhydrous ammonia monthly. It is expected this Ordnance production will be increased to 8,000 tons.

Arsenic—Absence of improvement in the supply situation has made buying difficult. The market is feeling the effect of disrupted producton resulting from labor strikes and the supply outlook cannot be construed as favorable at the present time. Exports in 1945 amounted to 1,716,000 pounds, compared with 4,800,000 pounds in the preceding year.

Carbon Disulphide—Some loss in production was noted in February. The total registered 23,178,743 pounds, compared with 26,204,98 pounds in the preceding month.

Carbon Tetrachloride—Consuming demand has shown improvement. The recent reduction in prices has eliminated price cutting and the tone of the market has been distinctly firmer. Production in February amounted to 13,368,298 pounds, compared with 11,642,663 pounds in January.

Chlorine—Cutback in production has checked further accumulation of stocks and there seemed to be less pressure to sell this material. Demand showed the usual seasonal falling off during the first four months of the year but is expected to broaden out with the advent of warmer weather. The container shortage continued to disrupt shipments.

Copper—Department of Commerce states that while the government stockpile at the end of March was approximately 450,000 tons, it was disclosed that small production and heavy industry withdrawals had resulted in a shortage in certain copper shapes, notably wire bars. The stockpile now includes an undue proportion of fire-refined copper and an insufficient supply of the electrolytic type which is in greatest industrial demand. Therefore, in considering the stockpile as insurance to meet industrial demands, it is important to realize that the 450,000 ton figure may be misleading.

Copper Carbonate—Inventories have been sufficient to meet consuming demand promptly. Inquiry has been mostly for small lots including chemicals, mildew and paint requirements. The naphthenate has not commanded much attention of late.

Copper Scrap—Activity in copper and brass scrap followed the general trend of nonferrous scrap metals, with productions being noted in receipts, shipments to consumers, and stocks. Receipts during the month totaled 35,764 tons, a decrease of 7,207 tons from the 42,971 tons during January, according to the Bureau of Mines. Dealers' stocks at the end of February were 60,589 tons, against 66,970 tons on January 31.

Fluorides—Have found a fair outlet with satisfactory business passing in soda silicofaloride and soda floride. Most all the other varieties were available for prompt shipment both for home and export uses.

Nickel Carbonate—Stocks continued available to meet demand. Buying interest has not exceeded moderate dimensions. The same condition is noted also in nickel chloride where platers are taking such quantities as are needed for current requirements.

Nickel Scrap—Stocks at the end of February were placed at 1,932 tons in dealers' hands. Little change was noted in market conditions. Receipts of 539 tons were only 4 tons more than the preceding month. Shipments to consumers fell from 674 tons to 582 tons and stocks at the close was only 43 tons lower than those at the end of January, according to the Bureau of Mines.

Nickel Sulphate—Shipments continued behind contract schedules although production had increased prior to the soft coal strike. Demand has remained active with orders being taken for future delivery for domestic use.

Potash Chlorate—Retained a satisfactory state of balance. Labor difficulties at some prominent out of town match factories have not had much effect on shipments as chlorate is going forward to these plants and being placed in storage to build up inventories.

Saltpeter—Consuming demand has not involved any unusual dimensions of late owing to irregularity of steel

For Late Market Developments, See Page 4

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

General Chemicals

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
168.5	168.5	168.5	169.0

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

(For Current Prices see page 9)

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production and the exceedingly low output of packing-house products. Export inquiry has been fairly active with a satisfactory amount of business placed with South American countries. Inventories have been well maintained with prompt shipments readily available.

Soda Ash—Fuel shortage has resulted in a cutback in production with likely possibilities of a further cut if the soft coal strike is prolonged. The addition of such conditions in the face of an exceedingly tight supply situation leaves little that can be said about the market. Coal is the big influence to both production and consumption at present and the outlook, at best, is uncertain.

Soda, Caustic—Conditions are similar to those in soda ash. Production has been lowered by the shortage of soft coal with an unusually heavy consuming demand only partly satisfied. Short shipments are in order and the movement will be shorter unless the coal dispute is settled. Producers admit the present market situation presents a condition never witnessed in the trade.

Soda Chlorate—Supply conditions have not improved. Consuming demand has exceeded output and producers are sold ahead for several weeks. The market position was definitely tight.

Tin—Jobbers and distributors may add quantity differentials to the cost of pig tin bought for export from the office of Metals Reserve in computing their ceiling prices for sales to exporters, the OPA has announced. This action, effective April 29, was necessary because sales of pig tin by the OMR are generally made in lots of five tons or more. However, some exporters buy it in smaller quantities. Formerly jobbers were forced to sell pig tin in these smaller quantities at the same price per unit as they paid for larger quantities bought from the Office of Metal Reserve. Under the change, jobbers and distributors will

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— Properties —

- Fine, crystalline
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100 lb. Bags—(425) Bbls.
Plant shipment prompt,
C. L. or L. C. L.

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WEST NORFOLK, VIRGINIA

Acting Manager

Cameron Siddall has been appointed manager of Cotton Poisons, Inc., Bryan, Tex., a subsidiary of the Pennsylvania Salt Manufacturing Company, Philadelphia. Mr. Sidall, recently released from the Army, was formerly with the Stauffer Chemical Company of Texas and the Texas Extension Service as entomologist.

be allowed the same margins in making these small quantity sales of Metals Reserve tin for export as they have been getting for big tin acquired from other sources, OPA pointed out. The amendment is No. 3 to MPR-17.

Acids

Acetic—Production of synthetic in February amounted to 21,344,997 pounds, compared with a revised total of 21,085,179 pounds in January. The amount of recovered acid in February was 85,976,699 pounds, against a revised total of 98,093,384 pounds in the preceding month. Natural production in February was 1,798,494 pounds, against 1,897,538 pounds in January. Exports in January were placed at 465,599 pounds, compared with 82,187 pounds in the corresponding month in 1945.

Chromic—There was an actitve demand for chromium plating which will likely increase with greater activity in the automobile industry. Production has been able to meet regular wants on a fairly prompt basis without leaving much available export.

Naphthenic—Importations in January amounted to 168,000 pounds. About 91 percent of this material came from Curacao, the balance from Mexico anad Canada. Stocks of the different grades are not excessive but seemed to be meeting demand without much difficulty.

Oxalic—Only future shipments were obtainable from producers who were not eager to name specific options. Consuming demand has overtaxed output temporarily and until the shortage is relieved, the time limit for deliveries will remain uncertain.

Sulphuric—Buying conditions did not vary greatly during the past week. Stocks have been sufficient to meet demaand promptly and the market here seemed to be in a better balanced position than at some out of town points. Demand from the iron and steel mills was not as active as noted a month ago.

Prescription with Label

—Continued from page 5

that the concern which has been manifested in the present instance was warranted, Dr. Dunbar added:—

It is a fact, however, that recent developments in the accelerated research programs which have given great impetus to chemotherapy may quite logically be expected to bring about certain changes in the distribution of drugs if the public is to achieve the maximum benefit from these valuable agents and at the same time be protected as adequately as possible against the harm which they are capable of producing.

The concern which the pharmacists had expressed over the FDA's ruling on thiouracil had been brought to a head by Dr. Robert P. Fischelis, Secretary of the APhA in a letter dated April 12 to the FDA. He called attention to the confusion as to how far reaching the ruling appeared to be and how careful the industry has always been to comply with the letter and spirit of the law. But he questioned the advisability of requiring the pharmacist to place warning statements on labels of prescription drugs.

He said that it would be quite proper for a physician to question the authority of any pharmacist to reveal the contents of any prescription or to add to the directions already given by the physician, especially when such revelation or addition to the label would have the effect of raising a question in the mind of the patient as to the possible consequences resulting from medication ordered by the doctors. He added that it would seem that the physician should be the one to be directed to include the warning statement in the directions given on his prescription. Dr. Dunbar's reply to this suggestion was:—That the statute does not confer authority for this requirement.

Philippine Trade List Signed by Truman

OPD Washington Bureau

The Philippine trade preferential bill (H.R. 5856) was signed into law April 30 by President Truman together with S. 1610 constituting the second of two bills enacted by Congress to aid in the rehabilitation of the Philippine economy. The latter bill makes provision for war damage payments to those who suffered war losses in the Islands and for the reconstruction and rehabilitation of public property.

H.R. 5856 sets up a quota system for the principal exports of the Philippines under which these products will be entitled to entry free of duty for the next eight years and at progressively increased rates for the next twenty years. A total of 200,000 tons of coconut oil is to be allowed entry free of duty during the first eight years and after that the quota is reduced by 10,000 tons annually for the next twenty years. There is no limit on copra imports.

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Solubility	100 cc at 24° C.
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A dependable supply of uniform quality. Sample and price promptly on request.

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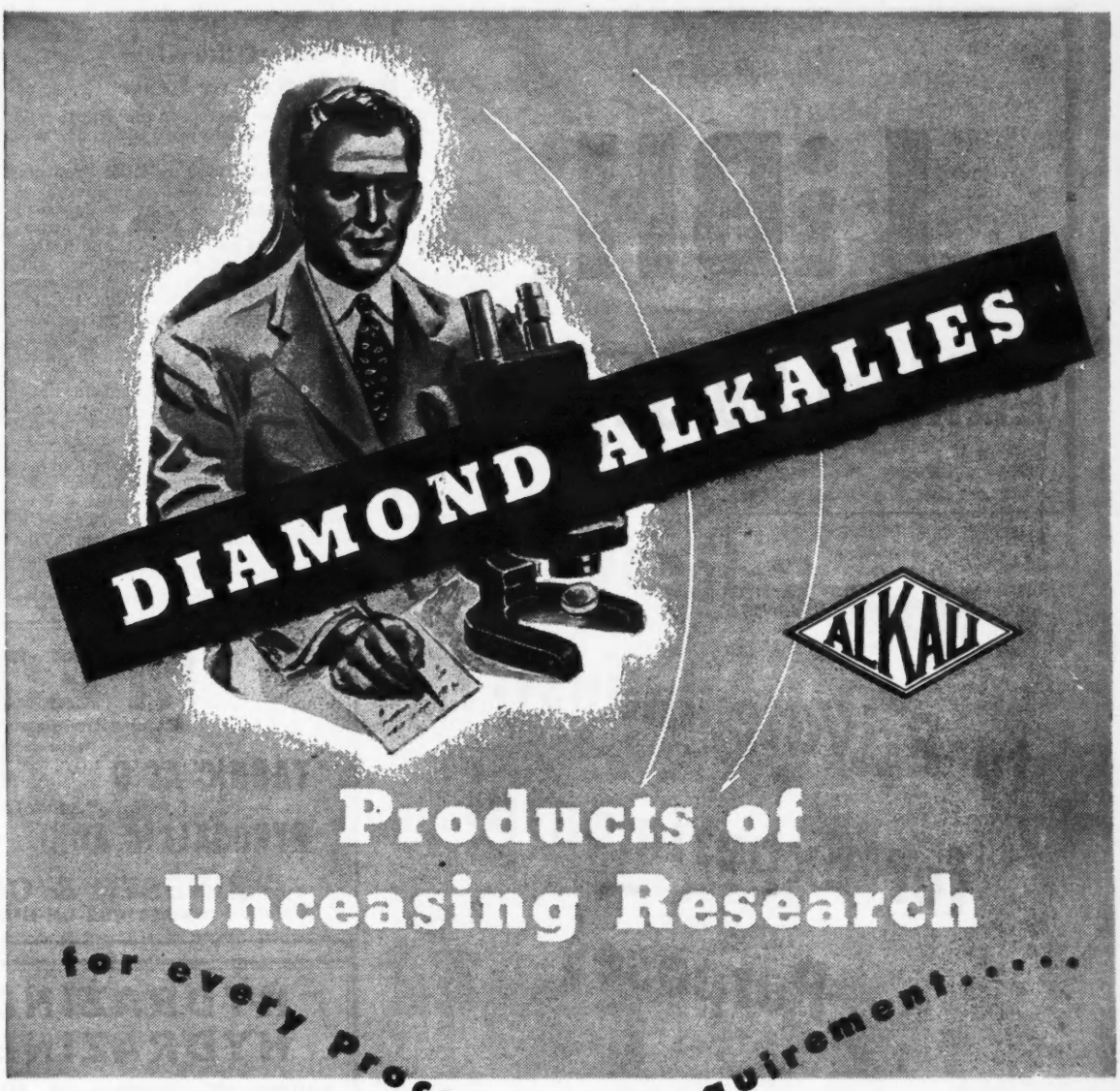

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Technical Sales Head

Frank F. McKinney, recently discharged from the Army, will resume his duties as supervisor of technical sales for the chemicals department of the Quaker Oats Company, Chicago.

Plants Offered For Sale or Lease

The War Assets Administration is offering the following plants for sale or lease:—

A plant operated by Silica Products, Eugene, Ore. A ten-acre site, produces an estimated 5,000 tons of dry sand per month. War Assets Administration, Fenton building, Portland 5, Ore.

A portion of a magnesium plant, operated during the war by the International Minerals & Chemical Company, six buildings and 17 acres, Austin, Texas. War Assets Administration, Washington 25, D. C.

Magnesium plant, Caanan, Conn., operated by the New England Lime Company. War Assets Administration, Boston, Mass.

The Kansas City WAA office will take bids up to May 22 on a number of pieces of laboratory and other testing equipment, ranging all the way from a saltspray cabinet by way of a pH meter to an electro-analyzer. The items are described under sales notices 46,507 and 46,508.

Other articles (some in small packages) to be sold out of Kansas City include (in 46,466—May 17) acriflavin, cholesterol, c.p. dextrose, galactose, lithium oxalate, maltose, santol oil; (in 46,501—May 23) acetophenetidin, acetylsalicylic acid starch granulatin, caffeine, redistilled mercury; (in 46,506—May 22) atropine sulphate tablets, calomel, mercuric cyanide, mercuric oxide, sulphaguanidin.

Du Pont to Build Cellophane Laboratory

E. I. du Pont de Nemours & Co., Wilmington, Del., will build a $400,000 laboratory for cellophane film research at its Yerkes works in Buffalo. The laboratory will improve the present cellophane film and develop new types, the company said.

Paper Chemistry Group Adds Pigman to Staff

Dr. William W. Pigman, formerly with the research department of the Corn Products Refining Company, Argo, Ill., has been appointed to the organic chemistry group of the Institute of Paper Chemistry.

Chicago Drug & Chemical Ass'n to Aid Veterans

The establishment of a procedure to aid returning veterans, and the awarding of a plaque annually to the member that makes the greatest contribution to the industry, community or association, was voted by the newly-elected members of the publicity committee of the Chicago Drug and Chemical Association at a recent meeting in the Drake hotel.

Hurlbrink Philadelphia Sales Agent for Reynolds

A. C. Hurlbrink has been appointed Philadelphia sales agent for Reynolds Metals Company, Richmond, Va., and not Philadelphia distributor, as erroneously reported in a recent issue of the REPORTER. He formerly was sales manager at Reynolds' pigment division New York office.

George G. Hedblom, formerly with the Pittsburgh Plate Glass Company, and recently discharged from the Air Forces, has joined Ex-Import Associates, Inc., New York.

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Communications Directly to
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59 PEKING ROAD, SHANGHAI
Cable Address: "ACTAS"

General Mills Names Chemical Sales Agents

The William J. Hough Company, Chicago, and associated companies, have been appointed special sales representatives for the chemical division of the General Mills, Inc., Minneapolis, in Wisconsin, Illinois, Michigan, Ohio, Pennsylvania, Indiana and Kentucky. The Hough company will handle Illinois and northwestern Indiana.

The Wisconsin Solvents & Chemicals Company, Milwaukee, will cover the state of Wisconsin and the Western Oil & Turpentine Company, Grand Rapids, Mich., will cover western Michigan and three counties in the upper part of the state. Northeastern Ohio and western border counties of Pennsylvania will be handled by the Ohio Mineral Spirits Company, Cleveland.

Amsco Products Company, Cincinnati, will cover southern Ohio, Kentucky, exclusive of Louisville, and most of southeastern Indiana. The Hoosier Solvents & Chemical Corporation, Indianapolis, will handle all of Indiana not covered by Hough and Amsco, and three border-line counties of Ohio, and the Western Solvents & Chemicals Company, Detroit, will cover northwestern Ohio and eastern Michigan, with the exception of the upper peninsula.

Sherwin-Williams Company, paint manufacturer, Cleveland, has named W. F. Turner manager of the St. Louis division.

With Comm'l Solvents

Daniel B. Curll, jr., has joined the Commercial Solvents Corporation, New York, as assistant to Henry W. Denny, vice-president in charge of sales. Since 1939 Mr. Curll had been assistant to the president and general manager of the chemical division of the Rumford Chemical Works, Rumford, R. I.

Metasap Chemical Shifts Sales Staff

Thomas J. Campbell, recently released from service, will handle sales for the Metasap Chemical Company, Harrison, N. J., in the area of Long Island, Brooklyn, and Queens, and Donald S. Rion, another returning veteran, has been assigned to South Carolina, Georgia and middle Tennessee.

Other territorial changes include Walter E. Brewer to cover northeastern Pennsylvania; Frank J. Chadwick, the Borough of Manhattan, New York City; Lawrence E. Rossiter, eastern Connecticut, Rhode Island and southeastern Massachusetts, Neil E. Elphick, northern New Jersey and New York as far north as Saugerties; Thomas D. Wilkinson, central New Jersey and Staten Island, and Alfred M. Hartley, southeastern Pennsylvania, southern New Jersey, Delaware, Maryland and Virginia.

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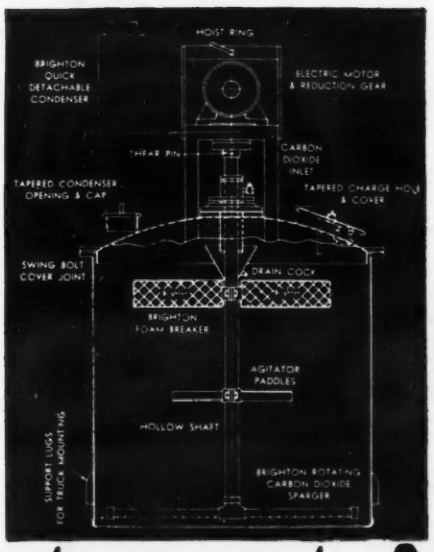

BRIGHTON'S 2 in 1 KETTLE

for economical production of varnishes and synthetics

Illustrated at the left is a dual purpose Brighton portable kettle. Its basic use is for synthetic resin. By simply removing the lid and agitating assembly it becomes ideally suited for varnish making. It is furnished in sizes 150 to 750 gallons. Agitator is driven by an explosion proof gear head motor. A feature of this agitator drive is the fact that it is a horizontal drive and thereby reduces the over-all height and necessary head room. The agitator is equipped with a Brighton adjustable foam breaker of highly efficient design. A rotating inert gas distributor feed through the hollow drive shaft is provided. A ring for lifting the cover with a chain block is provided. This kettle can be furnished with a Brighton quick removable condenser. This kettle can be furnished in various metals such as stainless steel, nickel, etc.

Du Pont to Build X-Ray Fluoroscopic Screen Plant

A new plant for the manufacture of x-ray fluoroscopic and intensifying screens will be constructed in North Towanda, Pa., by E. I. du Pont de Nemours & Co., Wilmington, Del. The new plant will be adjacent to present phosphorus operations and will replace the plant in the business section of Towanda.

CROTON

ANTIMONY SULPHIDE
BLACK

SODIUM NITRATE • POTASSIUM CHLORIDE
SODIUM NITRITE • POTASSIUM NITRATE
BORAX • BORIC ACID • AMMONIUM SULPHATE
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CASTING COMPOUNDS for Magnesium and Aluminum

INDUSTRIAL CHEMICALS SINCE 1836

CROTON CHEMICAL CORPORATION
114 LIBERTY STREET, NEW YORK, 6, N. Y. PHONE RECTOR 2-0403

Hercules Plant Gets CPA Approval

The Civilian Production Administration has approved completion of the chemical plant being constructed by the Hercules Powder Company at Burlington, N. J. The CPA order to industry to stop construction will not apply to the Hercules plant because the company has already ordered equipment costing $500,000, and had ordered it far in advance.

Warwick Chemical Opens Philadelphia Office

The Warwick Chemical Company, West Warwick, R. I., a subsidiary of the Sun Chemical Corporation, has opened a Philadelphia office to service Pennsylvania, Maryland, Delaware, western New York and most of New Jersey. D. S. Chamberlin, a Warwick vice-president, will be in charge of the new office.

Conroy Returns as Head Of National Magnesium

John F. Conroy 3rd, recently released after four years in the Coast Guard, has resumed his duties as president of the National Magnesium Corporation of Maryland.

Chemicals Sales Head

Harold M. Parsekian, formerly of Binney & Smith Company, carbon black distributor, New York, has been appointed director of sales and technical service for the plastics and chemicals division, of the Glenn L. Martin Company, Baltimore.

AN IMPORTANT PLUS FEATURE...

EXTRA DATA SHEETS

FROM THE NEW "PERPETUAL" CATALOG OF

VICTOR CHEMICALS

FOR PURCHASING DEPT.

One important plus feature of Victor's new chemical catalog you'll probably welcome are the extra data sheets available for convenient filing in various departments of your business. Each data sheet, in standard 8½" x 11" size, covers a related group of products for quick, easy cross-reference of properties.

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If you haven't already requested your copy of this new catalog of Victor Chemicals a personal memo on your business stationery will bring it to you promptly. Extra data sheets can be selected and ordered later as desired.

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Headquarters for
Phosphates • Formates • Oxalates

PARTIAL LIST OF VICTOR CHEMICALS

Acids . . . formic, metaphosphoric, oxalic, phosphoric, polyphosphoric.
Formates . . . aluminum, sodium, sodium boro-.
Metaphosphates . . . aluminum, ethyl.
Orthophosphates . . . ammonium, calcium, iron, magnesium, potassium, sodium.
Oxalates . . . calcium, sodium.
Phosphorus . . . (yellow)
Ferrophosphorus
Phosphorus Compounds . . . chlorides, pentoxide.
Pyrophosphates . . . calcium, sodium acid, sodium iron, tetrapotassium, tetrasodium.
Sulphates . . . magnesium, sodium aluminum.
Wetting Agents

U.S. Revenue Returns Show Decrease

Bureau of Internal Revenue, Washington, reports taxes collected for the month of March, 1946, compared with March, 1945, were as follows:—

	1946	1945
Coconut, etc., oils, processed	$706,243.15	$499,963.54
Distilled spirits, domestic, excise tax	140,985,256.74	99,524,870.23
Distilled spirits, imported, excise tax	14,071,007.25	11,981,258.73
Gasoline	24,743,590.62	24,898,193.42
Lubricating oils	4,863,612.48	9,901,856.45
Narcotics, including special taxes	50,345.51	49,325.31
Oleomargarin special taxes	294,574.68	355,745.38
Totals	5,023,693,151.92	5,617,608,746.64

Nat'l Magnesium Plans $2,000,000 Expansion

The National Magnesium Corporation, New York, plans conversion to commercial production of magnesium powders and fabrication of magnesium alloys. The first step in a $2,000,000 expansion program will be the production of extruded magnesium shapes and tubes.

Diamond Crystal Salt Elects President

J. J. LeClare has been elected president and director of Diamond Crystal Salt Sales Company and Colonial Salt Sales Company, units of the General Foods Corporation, as well as general manager of Diamond's operations at St. Clair, Mich., and of Colonial at Akron, Ohio. Mr. Clare, formerly senior vice-president of Diamond, succeeds Robert M. Farr, resigned.

Monsanto Names Holmes Everett Export Manager

The Monsanto Chemical Company, St. Louis, has appointed Robert E. Holmes divisional export manager at Everett, Mass., succeeding Ralph E. Nelson, who has been named salesman for Chicago. Mr. Holmes, who handled sales in the Philadelphia area, will be succeeded by Roy T. Cowing, formerly in Chicago.

Trade Briefs

Corning Glass Works, Corning, N. Y., has appointed Robert T. Beattie, recently released from the Air Forces, company's consumer products division.

Reynolds Metal Company, Richmond, Va., has appointed V. W. Moody, jr., assistant to G. S. Nagle, assistant vice-president in charge of manufacturing for the foils division.

Pennsylvania Salt Manufacturing Company, Philadelphia, has developed a new paint, oil and grease remover for use in laundry or wet cleaning operations.

Electric Industrial Truck Association, Chicago, reports that manufacturers of chemicals and allied products rank eighth among the nation's industrial and commercial users of electric trucks.

Agricultural Chemicals

Supply conditions remained exceedingly tight in all basic fertilizer materials at the turn of the month. The major part of the season's demand has been covered and inventories are down to a low level. The soft coal strike has greatly reduced production of sulphate of ammonia and it is now estimated that the shortage will reach 124,000 tons or 25,000 tons of nitrogen. Ammonia nitrate output and imports have been meeting demand and importations of calcium cyanamid, ammonia phosphate and sulphate of ammonia from Canada have run close to schedule. Nitrate of soda shipments have remained under pressure for both imported and domestic grades. New contract prices are expected to be announced for potash this month and in the meantime CPA may express an opinion in reference to reallocation of potash. Superphosphate supplies have not eased and in some quarters, producers are unable to fill orders requiring additional quantities. Castor pomace has continued practically out of the market. Dried blood and other packing-house by-products have remained definitely short under limited production.

Export demand for fertilizer materials is active. It is stated that the committee on fertilizers of the combined food board revealed recently that 73,472 tons of nitrogen have already been allocated to foreign countries. This would be equivalent to 358,400 tons of sulphate of ammonia. It has been reported that 10,000 tons of sulphate of ammonia have been allocated for China.

In reference to the insecticides, pyrethrum concentrate prices have been reduced by some distributors. Tension is increasing in the market for the coaltar chemicals. Spring demand has developed for chloropicrin where supplies have permitted prompt shipments and buying interest is showing seasonal expansion in many other major insecticide chemicals.

Nitrogenates

Ammonia Sulphate—Current production insufficient to improve supply position. Short shipments being fed mostly from reduced output as there are no reserve inventories. Canadian production last year established a new high record at 221,763 tons, 6 percent above the preceding year. Exports accounted for 80 percent of the sales. Imports of Canadian sulphate into the U. S. have been meeting or exceeding schedules.

Castor Pomace—Production has not been sufficient to exceed the requirements of standing contract schedules. According to trade reports, no additional quantities have reached the open market.

Fish Scrap—Arrangements have been made to send out the largest fishing fleets from the Eastern coast in years and operations will begin as soon as there are signs of menhaden. According to trade reports, a sizable amount of business has been placed on a when and if basis at the ceiling price of $1.21 per unit of protein content, Baltimore area. Inquiry is active with sellers not eager to accept additional business until some idea can be ascertained as to run of fish.

Soda Nitrate—Demand has kept ahead of the supply limit for both domestic and imported material necessitating the maintenance of a tight buying situation.

Tankage—There is not enough material coming out of packing-houses at present to more than satisfy a portion of demand. Buying conditions have remained definitely tight.

Phosphates

Phosphate Rock—Market position holding tight with no apparent easement in demand for either home or export requirements. Shipments continue to be fed from production as demand has not relaxed sufficiently to build up reserve stocks. Increased production of phosphate rock in Tunisia and greater exports may relieve world shortages of phosphatic fertilizers, according to the Department of Commerce. It is stated that the War Department has been notified that five boatloads have been booked for shipment from North Africa to Germany and that three of them have arrived.

Superphosphate—While holders of contracts seem to be getting deliveries, there is a pronounced scarcity of stock for additional wants. This condition has restricted new business and reports from Baltimore assert that producers have been forced to turn down additional orders. It is stated that a larger proportion of output has passed into mixed fertilizers this year.

Potashes

Supply situation remained tight with demand in excess of supply. Producers have requested CPA to reestablish allocation control in order to assure an equitable distribution. Wartime allocation was lifted September 30, 1945, but practically the entire anticipated supply until March 31 was under contract at that time. CPA has not made a decision on reallocation to date but may express an opinion shortly. Contract prices are expected to be announced this month. Prospects at present do not suggest much possibility of important shipments from foreign sources and under the present stringency in structural materials there appears to be little chance of increased domestic production.

Insecticides

Tent caterpillars have appeared early and in great numbers in some of the Eastern areas. DDT may be used very effectively for such defoliating insects. The web-tent and the branches holding the tent should be sprayed with a DDT emulsion. One quart of such an emulsion may be made by adding two tablespoonfuls of a 5 percent DDT household spray to one quart of hot water in which one and one-half tablespoonfuls of soap flakes or soap powder have been dissolved. This should be shaken well before using. This emulsion must not be used for any purpose other than for tent caterpillars, and then only on infested branches, as the oil may burn foliage of some plants.

Production of DDT in February amounted to 3,221,865 pounds, compared with 3,489,588 pounds in the preceding month, according the Chemical Division of the Tariff Commission.

Lower prices have been named in some quarters for pyrethrum concentrate, the decline ranging from 50c. to 65c. a gallon. Importations of pyrethrum flowers have increased of late and inventories have been restored to favorable dimensions.

Sulphur and Pyrites

Steady demand for home consumption of sulphur is noted. Export inquiry is expanding with South American countries prominent in the current buying movement. Stocks are adequate to meet inquiries promptly. Production in Sicily has made some progress. Seventy-five mines were reported in a state of good repair, while 50 were actually being worked. Total production of raw sulphur in Sicilian mines in 1945 amounted to 53,690 metric tons, compared with 33,400 produced in 1944, but continued to be handicapped by lack of necessary materials and transportation facilities. Even so, had it not been for the exceptional electricity shortage resulting from the drought during the second half of the year, the 1945 production would have been considerably larger.

For Late Market Developments, See Page 4

Market Trends

Prices Advanced

None

Prices Reduced

Pyrethrum concentrate, liquid, 20 to 1, 50c. per gal.
30 to 1, 65c. per gal.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

(For Current Prices see page 9)

SUNSHINE STATE POTASH
A PRODUCT OF NEW MEXICO U.S.A.
MURIATE OF POTASH
62/63% K2O ALSO 50% K2O
MANURE SALTS
22% K2O MINIMUM
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UNITED STATES POTASH COMPANY
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Sulphate of Ammonia · Nitrogen Solutions · Ammonia Liquor
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ALLIED CHEMICAL & DYE CORPORATION
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HEADQUARTERS FOR AMERICAN-MADE NITROGEN
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SELECTED SPENT FULLERS EARTH
The Unexcelled Fertilizer Conditioner used by Leaders in the Industry
THE DICKERSON COMPANY
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P.C.A.
The SALT of the EARTH
RED MURIATE
OF POTASH

BUSIEST and BIGGEST

This has been PCA's busiest year; also its biggest.

We're proud of our 44-45 record and of the growth this year has brought...proud too of the *three* white stars on our Army-Navy "E" flag, awarded for meritorious service. Also we're proud of our friends in the fertilizer industry. We say "thank you" for your confidence, your patronage, and the pleasant relationships we mutually enjoy. We pledge our best efforts to continue to deserve them.

Copyright 1945, Potash Company of America

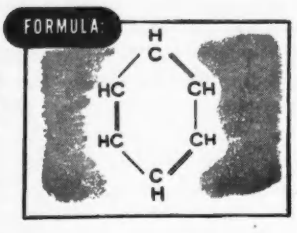
POTASH COMPANY of AMERICA
CARLSBAD, NEW MEXICO
GENERAL SALES OFFICE...50 Broadway, New York, N. Y.
MIDWESTERN SALES OFFICE...612 Lehman Building, Peoria, Ill.
SOUTHERN SALES OFFICE...Mortgage Guarantee Building, Atlanta, Ga.

BENZOL

DEFINITION: Benzol (Benzene) is the parent hydrocarbon of the aromatic compounds. It is the basic raw material for the synthesis of many organic chemicals.

HISTORY: Discovered in 1825 by Faraday in an oil obtained by compressing illuminating gas. Hofmann found it in coal-tar in 1845. The process of recovering benzol industrially was first developed by Charles Mansfield.

FORMULA: C_6H_6



SOURCES: Benzol is obtained principally from the destructive distillation of coal. Most of the benzol produced in this operation is recovered by scrubbing coke-oven gas, while the balance is found in the portion of coal-tar that distills below 170°C.

CHARACTERISTICS: The pure product is a mobile, colorless liquid. It boils at 80.1°C., and crystallizes at 5.5°C. It is practically insoluble in water but mixes readily with ether, anhydrous alcohol, petroleum distillates and many organic liquids.

USES: A solvent for stains, coatings, and rubber cements; an essential raw material for the manufacture of dyes, tetryl and other explosives, synthetic rubber, phenol, aviation fuel, and D.D.T.

GRADES:

	Sp. Gr.	Boiling Range
Benzol, Nitration Pure	.882-.886	1°C max. incl. 80.1°C
Benzol, Industrial Pure	.875-.886	2°C max. incl. 80.1°C
Benzol, 90%	.870-.886	Start: Min. 78.2°C 90% Min. at 100°C
Thiophene-free Benzol	.882-.886	1°C max. incl. 80.1°C

This is one of a series of advertisements presenting information on basic coal-tar chemicals

THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 Rector Street, New York 6, N. Y.

Barrett

The Barrett Company, Ltd., 5551 St. Hubert Street, Montreal, Que.

ONE OF AMERICA'S GREAT BASIC BUSINESSES

Coaltar Chemicals

Buying interest in coaltar chemicals increased last week while available stocks, with the exception of toluol, declined. Shading of steel production to 67.7 percent gave evidence of the pinch resulting from the shortage of soft coal and emphasized the serious effect possible if the strike is prolonged. While some benzol was obtainable for prompt shipment, creosote oil, cresylic acid, naphthalene and phenol were visibly tighter. Producers of phenol admitted that from a favorable supply position a month ago, they had experienced a steady decrease in reserve stocks and some look for the situation to become worse before it gets better. Most of the intermediates were in a very tight position and in several instances, producers have found it necessary to place regular consumers on a quota basis. The general buying tendency has been to increase commitments in an effort to discount the effect of a cutback in production.

Office of International Trade has amended its classification of toluene subject to individual licenses for export as contained in Comprehensive Export Schedule No. 20, to include toluene derived from petroleum. Heretofore the "positive list" included only toluene from cokeoven production. The amended description is effective immediately.

Steel operations for the week beginning April 29 were scheduled at 67.7 percent of ingot capacity, compared with 73.6 percent in the previous week, according to the American Iron and Steel Institute. A month ago the indicated rate was 87.1 percent. The present schedule is equivalent to the production of 1,193,000 net tons of ingots and castings, compared with 1,207,100 tons in the preceding week and 1,754,000 tons for the corresponding week in 1945.

Production figures appearing in some of the following market reports were released by the Chemical Division of the U. S. Tariff Commission unless otherwise specified.

Basic Products

Benzol—Consuming inquiries were being filled for prompt shipment last week. Demand was active with consumers attempting to buy in excess of actual needs in order to discount possibilities of a shortage resulting from the soft coal strike. Production from tar distillation in February amounted to 953,062 gallons of the motor grade against 1,064,619 gallons in January. Output of all other grades from tar distillers was 1,966,576 gallons, compared with 1,525,514 gallons in the preceding month. January exports were placed at 112,177 gallons.

Creosote Oil—Tar distillers produced 7,643,982 gallons in February against a revised total of 9,838,977 gallons in January. Importations in January were 52,840 gallons. No improvement in buying conditions could be noted. An exceedingly heavy demand was reported from railroads and from industries where wood-processing is essential.

Cresylic Acid—Production of refined acid in February amounted to 1,516,830 pounds, compared with a revised total of 1,744,231 pounds in January. Demand was partly covered by output, but domestic production remained insufficient to meet the inquiry promptly. The market remained in a definitely tight condition. Importations of 890 drums were noted last week.

Naphthalene — Tar distillers produced 10,074,249 pounds of crude, solidifying at less than 79°C. in February against 16,035,667 pounds in January. The refined output of material solidifying at 79°C. and over was 8,124,961 pounds in February, compared with 8,319,874 pounds in the preceding month. Supplies at present are short of demand and the market has shown no sign of easement from its former tight condition.

Phenol—Available stocks are lower. Producers who had satisfactory inventories a month ago have seen their reserves steadily shrink. The market closed the week in a tight position.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
127.3	127.3	127.3	129.2

(For Current Prices see page 9)

Production of technical and U.S.P. for February amounted to 13,700,308 pounds, against a revised total of 15,862,621 pounds in the preceding month.

Toluol—Stocks have continued ample to meet consuming demand. War Assets Administration has placed on sale approximately 12,000,000 gallons of toluene to be sold for unrestricted use at 10 cents per gallon in tankcar lots, minimum car approximately 8,000 gallons, F.O.B. storage location. Orders for this material for immediate delivery at seller's convenience should be placed with the WAA regional offices having inventories, and will be received until noon, Monday, May 13. As of the close of business of that date, the WAA regional offices will forward their orders to the WAA Washington office which will allocate quantities if total orders exceed supply. Aside from coke-oven production, February output amounted to 837,926 gallons against 1,131,192 gallons in January.

Xylol—Some material was available last week although there was a limitation on offerings. Buying interest was confined mostly to the enamel and lacquer trades.

Chicago, May 3. — Business continued fairly good for coaltar bases. Production of materials from steel industry sources has been curtailed as a result of reduced steel mill operations resulting from the coal shortage. Benzol remained firm. Ruling prices exclusive of tax were:—Benzol, pure in tankcars, 15c. per gallon; 10-degree xylol, same basis, 29c.; industrial xylol, same basis, 26c.; 2-degree toluol, same basis, 27c.; solvent naphtha, same basis, 27c.; creosote oil, Grade 1, 15½c.

Hydrogenated Solvents

Cyclohexanol remained available although the tighter position of basic materials may affect future production. Moderate buying interest for blending purposes was reported. Cyclohexanone found an outlet as a solvent for synthetic resins and cellulose esters. Inquiry for cyclohexane was of a diversified character with the printing ink, lacquer and wax industries showing some interest.

Coaltar Acids

Anthranilic—Inventory position has continued tight under maintenance of a steady miscellaneous demand. Requirements of regular consumers seemed to be about all current production can stand.

Broenner's—Call for dyestuff use has kept inventories low. Regular consumers appeared to be getting about all of current output.

Fumaric—Heavy demand for plastics and synthetic resins is over-taxing current output. Shipments are being fed from production as there are no reserve stocks.

Gamma—No improvement in the supply position could be noted. Stocks are low with buyers finding difficulty in securing additional lots for anything like prompt shipment.

Maleic—Suppliers not inclined to consider new business at present as there are too many regular requirements to be satisfied. Present production not sufficient to meet demand for synthetic resins and protective coatings promptly.

Other Intermediates

Anilin—Somewhat tighter than previously noted. Demand active and inclined to increase for both home and export. Foreign shipments in January, including both oil and salt, amounted to 525,897 pounds. Domestic production in February was 6,411,349 pounds, compared with 7,070,695 pounds in January.

Anthracene — Smaller production has affected inventories and stocks have been brought to a lower level

For Late Market Developments, See Page 4

KOPPERS

Picolines

KOPPERS

Iso-quinoline

A KOPPERS PRODUCT

KOPPERS REFINED 3° MIXED PICOLINES
(BETA PICOLINE, GAMMA PICOLINE, and 2,6 LUTIDINE)

Koppers regularly produces appreciable quantities of these tar bases. Large production capacity enables us to supply them in volume. Write for our Base Data Sheet, giving properties and specifications.

Also available—
Denaturing Grade Pyridine
Refined 2,4 Lutidine
Refined Toluidines
High Boiling Tar Bases

KOPPERS COMPANY, INC.
Tar & Chemical Division
Pittsburgh 19, Pa.

OPD—5-6-1946

with a much tighter market position noted.

Metaparacresol—Supplies definitely low with market position tight. February production was placed at 299,492 pounds, compared with 328,763 pounds in the preceding month.

Monochlorobenzene — Short stocks have created a difficult buying situation. February production amounted to 19,882,088 pounds against 21,986,491 pounds in January.

Orthometaparacresol—No easement in buying conditions. Short supplies held market exceedingly tight. Production in February registered 757,243 pounds, compared with 551,681 pounds in January.

Phthalic Anhydride—Producers are allocating this material in an attempt to equalize distribution. Demand has exceeded production and the market has appreciably tightened. Output is being regulated by the availability of crude naphthalene. One large consumer recently doubled consumption of the intermediate and requested another increase which could not be considered under present conditions.

Coaltar Dyes

Current production of dyestuffs is dependent upon the availability of essential intermediates. It was reported that the anthraquinone vats have been insufficient to meet demand owing to the tight position of the basic chemical. Export demand in general has continued active with plenty of orders to be satisfied. Exports of coaltar dyes in January amounted to 2,079,693 pounds, compared with 1,019,381 pounds for the same month a year ago. These amounts do not include indigo or sulphur black. The largest shipments this year were to India where 453,065 pounds were delivered. Canada received 424,064 pounds and China 237,486 pounds.

Coke By-Products

Estimates of by-product coke-oven operations in the week ended April 27 indicate the following output of by-products from that source:—

Ammonia liquor NH_3	lbs.	546,704
Ammonia sulphate	lbs.	14,156,759
Benzol	gals.	1,783,981
Coaltar	gals.	6,617,997
Creosote oil	gals.	868,306
Naphthalene	lbs.	8,747,266
Phenol	lbs.	103,586
Toluol	gals.	356,796
Xylol	gals.	80,567

Coal Strike

—Continued from page 3

phate, the steel strike resulted in loss of 124,000 tons, or approximately two months' production. The impact of the coal strike on top of the steel strike is severe. Also, the big plants producing synthetic nitrogen derive their product chiefly from gas obtained from coal distillation.

The alkali plants which produce sodium carbonate, sodium hydroxide, and many inorganic chemicals, directly affect production of such things as rayon, acetate rayon, petroleum refining, aluminum and other metallurgical products, soap, and paints. These "work-horse" items or tonnage products, are dependent upon coal to supply the processed steam used in their manufacture. A stoppage of the flow of coal affects not only these tonnage producers but the industries which use the products as well.

In the intermediate group of chemicals, much naphthalene production already has been lost. This in turn means less phthalic anhydride, which is used in making the alkyd resin coatings, plasticizers, and detergents. The solvents, benzol toluol, xylol, as well as butyl alcohol and acetate and ethyl alcohol and acetate are important in the manufacture of lacquers for mass production of consumer items. Mass production of refrigerators, washers, automobiles, furniture, and radios are dependent on these fast-drying finishes. The coal strike thus seriously delays these industries.

Enormous amounts of steam are used in processing distillers' solubles, such as grain and molasses residue, which contain invaluable feed materials. These solids are recovered by forced drying through the use of large amounts of steam, and are important chicken and cattle feeds. One large concern making over 500 tons a day of such animal feeds from molasses had only a six-day supply of coal at the middle of April.

The plastics industry and the paint industry are threatened with a lack of raw materials because the coal strike shuts down the supply of raw material derived from the coking ovens. Production of creosote oil which is made from derivatives of coaltar and is used for wood preservation in railroad ties, bridges, and similar products is likewise in a precarious position.

You can depend on Bethlehem for

COAL CHEMICALS

BENZOL (nitration, industrial, and motors)
TOLUOL (nitration and industrial)
XYLOL (industrial)
CRUDE HEAVY SOLVENT NAPHTHA
CRUDE NAPHTHALENE
CRUDE PYRIDINE

Plants at Sparrows Point, Md.; Lackawanna, N. Y.; Bethlehem and Johnstown, Pa. Nearby points can be served by convenient tank-wagon delivery.

BETHLEHEM STEEL

Other Bethlehem products for the chemical industry:
Forged pressure vessels • Chemical-plant equipment • Sheets • Alloy studs • Hot-forged nuts • Pipe • BethColite (hot-dipped tinplate) Electrolytic tinplate • Special-coated manufacturing terne plate • Black plate • Tool steel and small tools.

Address your inquiries to BETHLEHEM STEEL COMPANY, Bethlehem, Pa., or nearest District Office.

Recent Imports

—Continued from page 4

LAVENDER SPIKE OIL—3 dms, L A Champen; 9 dms, Dodge & Olcott Co; 4 dms, Geo Lueders & Co

LEMONGRASS OIL—4 dms, Orbis Product Corp; 1 dm, Continental Bank & Trust Co; 1 dm, Geo Lueders & Co; 2 dms, J Berlage Co

LICORICE PASTE—375 cs, Marcel Blanco; root, 425 bgs, Amtorg Trading Corp

LIME JUICE—142 hhd, Furness, Withy & Co; oil, 1 cs, National City Bank; 4 dms, Chemical Bank & Trust Co; 14 cs, Furness, Withy & Co

LIQUIDAMBER—5 dms, D A Kattan

LOCUST BEAN—150 bgs, Stein, Hall & Co

MACE—15 cs, I Harrison & Whitney; 6 cs, Dalton, Cooper & Co; 26 cs, A G Dunn; 11 cs, Hahne & Burns; 43 cs, Archibald & Kendall; 14 cs, Otto Gerdau Co; 14 cs, Knickerbocker Mills Co; 8 bgs, B H Old & Co; 25 cs, Cats American Co; 15 cs, C T Wilson & Co

MAGNESIA, CALCINED—200 cs, Keasbey & Mattison

MANGANESE SULPHATE—101 bgs, W R Grace & Co

MANGROVE BARK—3,620 bgs, Irving Trust Co; 14,252 bgs, Tannin Product Export Co; 800 bgs, J Henry Schroeder Banking Corp; 10,343 bgs, Vermilye & Co; 2,967 bgs, Soc Amonima Exportadora De Product Tanticos; 2,071 bgs, Barkey Importing Co, 3,650 bgs, Baumann & Co; 850 bgs, Geo Uhe Co; 182 bgs, W Well Corp

MANIOC FLOUR—816 bgs, Mornlugstar, Nicol Inc

MARJORAM LEAVES—400 bgs, W R Grace & Co; 300 bgs, J Ossolo

MICA—211 cs, International Mfg Co; 101 cs, Vilco Co; block, 423 cs, Whittaker, Clark & Daniels

NISPERA GUM—16 bls, L A Dreyfus Co

NUTMEGS—35 bgs, Norda Essential Oil & Chemical Co; 14 bgs, Superintendence Co; 57 bgs, H P Winter & Co; 12 bgs, Van Loan & Co; 50 bgs, C T Wilson & Co; 3 bgs, Dalton, Cooper & Co; 78 bgs, W J Bush & Co; 92 bgs, Dodge & Olcott Co; 50 bgs, A G Dunn; 21 bgs, Knickerbocker Mills Co; 16 bgs, R T French Co; 21 bgs, Levy & Levis Co; 27 bgs, Hahne & Burns; 100 bgs, Otto Gerdau Co; 116 bgs, C T Wilson & Co; 70 bgs, Catz American Co; oil, 2 cs, Victory Shipping Co

NUX VOMICA SEED—800 bgs, Volkart Bros

OITICICA OIL—1,388 dms, L W Jackson & Co; 128 dms, Brown Linseed Co; 574 dms, Murray Oil Product Co; 121 dms, Grace National Bank; 111 dms, Enco Chemical Co; 245 dms, Lenape Trading Co; 366 dms, Onyx Oil & Rosin, Inc; 247 dms, Wessel, Duval & Co; 2,500 dms, Brazil Oiticica, Inc; 242 dms, Wessel, Duval & Co

OLIVE OIL—660 dms, Balbo Oil Co; 311 dms; H S Dorf & Co; 120 dms, Fedex Foreign Trade Corp; 106 bbls, Chemical Bank & Trust Co

ORRISROOT—145 bgs, R J Prentiss & Co

OURICURY WAX—130 bgs, W R Grace & Co; 62 bgs, F B Ross Co; 72 bgs, Avon Trading Co; 56 bgs, Wm Diehl & Co; 254 bgs, Wessel, Duval & Co; 218 bgs, American Cyanamid & Chemical Co; 11 bgs, Cornelius Product Co

OXGALLS—4 cks, Tupman, Thurlow & Co

PAINT—38 cs, East Asiatic Co

PALM OIL—1,253 tons, Balfour, Guthrie & Co

PAPRIKA—100 bgs, Griffiths Laboratories; 1,012 bgs, Joensson & Cross; 115 bgs, Knickerbocker Mills Co; 200 bgs, Joensson & Cross

PAPAIN—14 chests, R J Prentiss & Co

PEPPERMINT OIL—13 cs, S B Penick & Co

PERILLA GUM—108 bls, 40 cs, Chicle Development Co; 75 bgs, H A Astlett & Co

PETITGRAIN OIL—11 dms, Norda Essential Oil & Chemical Co; 5 dms, Magnus, Mabee & Reynard; 103,803 bbls, Barber Asphalt Corp

PETROLEUM, CRUDE — 351,833 bbls, Standard Oil Co of N J; 125,385 bbls, Imperial Oil, Ltd; 100 dms, The Lammus Co Laboratories

POTTERS COLORS—4 cks, American Express Co; 3 cks

QUEBRACHO EXTRACT—4,090 bgs, C M Loeb-Rhoades Co; 4,091 bgs, Barkey Importing Co; 21,380 bgs, Tannin Product Export Co

QUICKSILVER—75 flasks, Mercantile Metal & Ore Corp; 30 flasks, Manufacturers Trust Co

QUINCE SEED—43 bgs, David Murad; 200 bgs, E Meer & Co; 33 bgs, Azad Beg Karabagui; 27 bgs, Elyass Mouraf Chan; 31 bgs, E Somekh; 11 bgs, E I Khedouri; 12 bgs, Hashem Maraghi; 25 bgs, Nawi Noonoo & Co

RESIN, VEGETABLE—100 cs, Herman Weber & Co; 200 bgs, Earle Bros; 237 bgs, Littlejohn & Co; 100 bgs, F Lester Kettle; 466 bgs, H A Astlett & Co; 519 bgs, Otis Astoria Corp; 586 bgs, Chicle Development Co; 76 bgs, Bank of London & South America; 153 bgs, W D Neuberg Co

ROSE OIL—10 cs, Amtorg Trading Corp

ROSEMARY OIL—3 dms, L A Champon

ROSEWOOD OIL—3 dms, New York Aromatics Co; 6 dms, Felton Chemical Co; 4 dms, Geo Lueders & Co; 14 dms, Ungerer & Co; 6 dms, Orbis Product Co; 6 dms, Lautier Fils, Inc; 8 dms, Dodge & Olcott Co

ROSIN, LIQUID—459 dms, Warner G Smith Co

SAFFLOWERS—10 bls, S B Penick & Co

SAFFRON—2 cs, Binney & Smith; 15 bgs

SALAMMONIAC—20 cks, Lo Curto & Funk

SARSAPARILLA ROOT—6 bls

SCHEELITE—500 bgs, Metal Traders, Inc; 1,500 bgs, Sussex Trading Corp

SESAME SEED—1,668 bgs, W R Grace & Co; 300 bgs, Archibald & Kendall; 1,319 bgs, Chase National Bank & Trust Co; 329 bgs, Manufacturers Trust Co; 198 bgs, Guaranty Trust Co; 8 bgs, Stern, Morgenthau & Co

SHARK LIVER OIL—5 dms, Distillation Products, Inc

SHELLAC—200 bgs, P N Rowe; 132 bgs, Manufacturers Trust Co; 1,525 bgs

SILICA SCRAP—55 cks, Lunham & Reeve

SLOE BERRIES—40 bgs

SOAP BARK—464 bls, W R Grace & Co

SODA CHLORATE—4,180 cans, International Selling Corp

STRAMONIUM LEAVES—2 bls, Harold A Sothern

SULPHUR ORE—20 bgs, American Cyanamid Laboratories; precipitated, 93 cs, Mallinckrodt Chemical Works

SUMAC—4 bgs, Corn Exchange Bank & Trust Co

TALLOW—459 cs, The Smidas Co

TAMARINDS—220 bbls, H H Heinz Co; 25 bbls, Armenian Importing Co; 125 bbls, S B Penick & Co; 50 bgs, Peek & Velsor

TONKA BEANS—48 bbls, Machado & Co

TAPIOCA FLOUR—5,700 bgs, Morningstar, Nicol, Inc; 1,667 bgs, Stein, Hall & Co; 1,000 bgs, Java American Export Co

TARA POWDER—277 bgs, George Freedlaender

TEAWASTE—6,000 bgs, Citro Chemical Co

THEOBROMINE—159 cs, Monsanto Chemical Co

TRAGACANTH GUM—95 cs, 1,544 bgs, E Meer & Co; 188 bgs, Esmail Menajud; 48 cs, 554 bgs, Khosrovshahi & Co; 710 bgs, Balfour, Guthrie & Co; 40 cs, V Simidian & Co; 416 bgs, E Somekh; 142 cs, Wm M Allison & Co; 200 bgs, P H Petry & Co

TUNGSTEN ORE—167 bgs, African Metal Corp

VANILLA BEANS—10 cs, Barclay Bank

VEGETABLE WAX—5 cs

WOLFRAM ORE—1,560 bgs, Reconstruction Finance Corp; 366 bgs, Banco Minero De Bolivia; 1,200 bgs, Wah Chang Trading Corp; 600 bgs, W R Grace & Co

WATTLE BARK—1,100 bls, Barkey Importing Co; 2,721 bls, Hammond & Carpenter; extract, 2,025 bgs, Barkey Importing Co; 3,135 bgs, Guaranty Trust Co; 1,050 bgs, Vermilye Co

ZINC CONCENTRATE—2,116,000 kilos, W R Grace & Co; 2,056,818 kilos, American Metal Co

Baltimore Imports

CHROME ORE—11,678,300 lbs, E J Lavino & Co

MANGANESE ORE—5,075 tons, E J Lavino & Co

Boston Imports

BAUXITE—2,770 long tons, Monsanto Chemical Co

LIME JUICE—20 hhd, Lennox, Inc

LIME OIL—3 cs, Lennox, Inc

Philadelphia Imports

CARNAUBA WAX—33 bgs, T G Cooper & Co

SODA HYDROXIDE—89 dms, Bergstrom Trading Co, Inc

VANILLA BEANS—100 cs, Camax Co; 20 cs, Zink & Triest Co

San Francisco Imports

MACE—18 cs, Anglo California National Bank

NUTMEGS—37 bgs, D Hecht & Co

OITICICA OIL—486 dms, S L Jones & Co

SHARK LIVERS—18 cks, Technical Fisheries Co; oil, 11 dms, Technical Fisheries Co; 7 dms, Werner G Smith Co

Seattle Imports

SESAME SEED—668 bgs, First National Bank

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Petroleum Derivatives

Continued heavy buying of the petroleum solvents and cvhemicals serving as intermediates in the making of synthetic resins and plastic products has featured the petroleum derivatives market, within the past week, together with an upward revision of prices for the so-called premium gasoline, fortified with tetraethyl lead or toluol, and also for the regular grades of gasoline, which had recently been slumping badly as supplies accumulated while the demand diminished.

Movement of the petroleum solvents has reached most notable proportions in the butyl alcohols, diacetone alcohol, isopropyl alcohol, ethyl alcohol and ethyl ether which have been taken up in undiminished quantities by the resin and plastics manufacturers but the sales volume has also been fair-sized in allyl alcohol and allyl chloride and in all the high-solvency aromatic naphthas. Methylethyl ketone and methyl isobutyl ketone have likewise kept active.

Considerable interest has been manifested by the independent makers of premium gasoline in the announcement by the Civilian Production Administration that it had set the May allocations of metallic lead for tetraethyl fluid at 4,160 tons, or 660 tons more than recently allotted for this purpose and in the unrestricted offer by the War Assets Administration to all buyers of 12,000,000 gallons of toluene, including some petroleum toluol, at a flat price of 10 cents per gallon, with the allotments to be made after the opening of applications May 13.

Petroleum Chemicals

Methylethyl Ketone—While makers of cellulose lacquers for automotive finishes are still the largest consumers of this material, manufacturers of synthetic resins are also taking sizable quantities.

Toluol—Producers of petroleum toluol are not in any way distressed by the unrestricted offer by WAA of approximately 12,000,000 gallons of toluene, some of it petroleum toluol and the remainder coaltar toluol, at 10 cents per gallon in tankcar lots, to be allotted on applications to be opened May 13, as they are confident that the bulk of this offering will be taken up by the gasoline refiners and that, insofar as other industry consumers are concerned, it will merely halt new buying from private suppliers for a month or two, at the utmost, so that thereafter buying by these consuming industries will be resumed at the old base price level of 27 cents per gallon in tankcars.

Xylol—Continues moving steadily into consuming channels, chiefly among the makers of high-solvency aromatics, with the supply adequate for all current needs.

Solvents and Diluents

Aromatic Solvents—Still being absorbed in moderate quantities by processors of synthetic resins, with the manufacturers of both xylol and toluol types well supplied by the producers of petroleum xylol and toluol.

Cleaners' Naphtha—Continues in seasonally keen demand on civilian account.

Lacquer Diluent—Moderately active buying of this material continues to be reported.

Rubber Solvent—Manufacturers of synthetic rubber continue to take up virtually all the current output of this solvent, although their aggregate consumption is not quite as extensive as in the war years.

Stoddard Solvent—Dry-cleaning interests continued to take up a seasonally sizable quantity of this solvent.

V.M.&P. Naphtha—Buying interest is still keen in this material.

Markets at Other Centers

Chicago, May 3.—Call for most of the petroleum solvents and diluents in this area has been good recently and for the most part supplies are still falling somewhat below needs, as indicated by current inquiries and orders. Rubber solvents are still notably active.

Los Angeles, May 3.—Buying interest in all solvents and diluents continues to run high on the Pacific coast. Liberal offerings, except in rubber solvents, have made the market active.

Market Trends

Prices Advanced

None

Prices Reduced

Gasoline, all grades, in all areas, ½c. per gal.

(For Current Prices see page 9)

Lighter Fractions

Butane—Although makers of the high-octane aviation gasoline have constricted their buying operations in this liquefied petroleum gas, which they were formerly using on a large scale as a fortifier of aircraft fuel, fairly extensive purchasing continues to be reported on the part of the synthetic rubber makers, private industrial process enterprises and home-heating and cooking users.

Heptane—Being taken up in relatively small lots.

Hexane—Still moving in fair volume.

Octanes—Only small quantities of this gas are now being bought.

Pentanes—Although military purpose takings are now reduced to meager proportions, civilian users continue to make sizable purchases of these gases.

Propane—Moving in fair quantities with market conditions continuing to duplicate those prevailing in butane.

Markets at Other Centers

Chicago, May 3.—Buyers in this area continue to look for the liquefied petroleum gases and the prevailing tone of the market is firm as offerings are not sufficient to depress the price structure.

Los Angeles, May 3.—The supply picture in liquefied petroleum gases continues good on the Pacific coast. Buying interest is well maintained. Market tone firm.

Petrolatums and Waxes

Microcrystalline Waxes—A tight supply situation continues to be noted in these waxes, inasmuch as buying interest is still outrunning the available stocks.

Paraffin—Both crude scale and refined grades of this petroleum wax continue to be held down to meager proportions by the undiminished takings of domestic consumers and the export trade, with many exporters unable to fill their orders.

Petrolatums—Continue in spirited demand, which is far outdistancing available supplies. Prices well maintained for U.S.P., veterinarian and technical grades.

White Mineral Oils—Buying operations still reaching large proportions in both U.S.P. and technical types, with prices firmly held at the higher levels recently reached.

Fuels and Lubricants

Gasoline—The entire gasoline market has undergone a complete reversal of price trends within the past week. Suppliers who had been cutting prices for several months past have become much stiffer in their views while the refiners have taken a strong stand on the upward side, advancing their prices an average of one-eighth of a cent per gallon.

The independent producers of premium gasoline, who have been experiencing some difficulty in adjusting themselves and their refinery processes to the sharp curtailment of their industry's allotment of metallic lead for the making of tetraethyl lead fluid, have been pleased by the announcement by CPA that it has increased the allocation of metallic lead for that purpose for May by 660 tons to 4,160 tons, although realizing that this temporary allotment may be cut down in June, by which time they will be presumed to have completed their adjustment of operations to the smaller use of the ethyl fluid.

Department of Commerce has included in its positive list, authorizing export shipments to countries in the E and K groups, all antiknock compounds not of petroleum origin, including ethyl fluid and any mixture containing more than 3 cubic centimeters of tetraethyl lead per gallon.

For Late Market Developments, See Page 4

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- *Your technical skill in manufacturing*
- *Rigid laboratory control in your plant*

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– Maintenance of rigid laboratory control throughout the manufacturing procedure.

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FINE CHEMICALS

Drugs and Fine Chemicals

The scarcity of glycerin which results in industrial users who buy imported refined glycerin paying prices close to the top prices paid in World War. No. I; the lack of much trade in quicksilver which results in a further lowering of spot prices; the greater availability of foreign argols at substantially lower prices; the exceptionally strong position of theobromine at the much higher prices set after price controls were removed; the huge demand for castor oil that runs ahead of the much larger imports of seed, compared with imports a year ago; the maintenance of codliver oil prices abroad irrespective of the very large production in Norway—these were features in the market for drugs and fine chemicals last week. The general undertone of the market was one of strength, backed by a demand excellent in size, broad and well maintained in keeping with supplies not exceptional for size.

Glycerin prices went to about 67c. in World War No. I when prices were not controlled. Prices were under OPA control in World War No. II, and still are. Sellers of domestic refined glycerin have prices ceiled at 18c. in tanks. And buyers of imported refined glycerin are paying about 65c. now. Domestic refiners say that this price difference suggests what would happen to prices if ceilings on oils, fats, and glycerin should be removed; and at least some are strong for their being retained.

Imports of castor beans since January 1 to date run 11,461,000 pounds more than in the corresponding period in 1945. Demand for castor oil knows no limit. European makers of hydrogenated codliver oil stand ready to take all oil not bought for export—a fact that makes prices for a large new crop remain under strong government control in Norway.

Acetanilide—February production, according to the U. S. Tariff Commission, totaled 488,658 pounds, which compares with January output of 682,255 pounds.

Acetone—February production totaled 25,846,431 pounds, against January production totaling 26,833,544 pounds, according to the latest reports of the U. S. Tariff Commission.

Acid, Acetylsalicylic—In the month of February, according to the U. S. Tariff Commission, a total of 933,846 pounds of this article was produced. In January the amount was 986,368 pounds.

Acid, Citric—Interest in prompt deliveries of this article shows some improvement as manufacturing consumers seek to cover their coming seasonal requirements. The beverage trade should be well served during the coming Summer.

Acid, Nicotinic—The latest report on production, released by the United States Tariff Commission, combines the output of nicotinic acid and niacinamide in reaching the total of 69,292 pounds for February. That figure compares with January output of 69,498 pounds.

Acid, Tartaric—The United Nations are now studying Spain to discover if she is a danger to the peace of the world. If so, then a move in the UN is indicated in the direction of a severance of relations between UN members and the present Spanish government. All of which can ultimately have definite effect on Spanish exports of crude tartar and all of its derivatives appearing in international trade between the United States and Spain.

Aloe—Stocks of Cape gum have dropped almost to the vanishing point but there remains a fair supply of Curacao gum on this market from which manufacturing consumers are drawing steadily and in volume productive of a steady strengthening of prevailing prices.

Aloin—The position strengthens parallel with the upward tendency of raw material prices. Demand for aloin was reported well maintained in volume about normal for the material.

Argols—The market has worked down to the basis of $46 per 100 kilos, 100 percent purity, done, and at the present time consumers are bidding no more than $41 per 100 kilos, same basis.

Market Trends

Prices Advanced

Butyl acetate, normal, fermentation, Ill., Ind., 7/10c. per lb.
Butyl alcohol, normal, fermentation, Ill., Ind., 8/10c. per lb.
Theobromine, 95c. per lb.

Prices Reduced

Argols, $19 per 100 kilos.
Quicksilver, $2 per flask.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
210.4	210.4	209.5	221.4

(For Current Prices see page 9)

Butyl Acetate—Prices on normal fermentation material produced in Illinois or Indiana were advanced to 20c. per pound in tanks.

Butyl Alcohol—February production of normal butyl alcohol totaled 9,588,995 pounds, according to the latest report of the U. S. Tariff Commission. The total compares with January production of 7,709,980 pounds. Prices on normal fermentation material made in Illinois or Indiana were advanced to 21.60c. per pound in tanks.

Calcium Tartrate—An arrival of 212 bags of this article reached this market from Bordeaux, France, last week.

Castor Oil—The total arrival of beans was 6,425,100 pounds last week, bringing the total since January 1 to 87,981,300 pounds. This latter figure compares with 76,520,300 pounds, the total for the corresponding period in 1945.

Demand for castor oil ran to heavy volume. The main source of such demand was the protective coatings industry whose requirements can hardly be filled at the present volume of production—which is large.

Chicago, April 30.—Castor oil prices, are: — Cold pressed, U.S.P., 15c. per pound, returnable drums, carlots; 15¾c., drums, less than carlots; tanks, 14¼c.; No. 3, extracted, 14¾c., drums, carlots; 15c., drums, less than carlots; 14c., tanks.

Codliver Oil—Demand for this oil was reported better than normal for the Spring when consumption normally shows a downward trend. Prices abroad were being maintained notwithstanding the excellent production in Norway. It was pointed out that oil which can not find sale into medicinal and allied channels can readily find owners among those who hydrogenate the oil and manufacture it into cooking products which are very short in all European countries. Also, a very good export demand prevails in local circles. Large quantities can be bought for import at about $2 per gallon for U.S.P. oil, but the spot market for usual amounts ranges from $2.15 to $3.25 per gallon according to potency.

Cream of Tartar—From Barcelona, Spain, came a total of 1,110 barrels of this article—clear evidence that the Spanish shippers are moving their product in large quantities, possibly because of the precarious situation of the political relations between Spain and the United Nations membership.

Dibutyl Phthalate—February production totaled 1,452,979 pounds, according to the U. S. Tariff Commission, which provides no January production figures for comparative purposes.

Ethyl Acetate—According to the latest report of the U. S. Tariff Commission, February production was 6,411,541 pounds, comparing with the January output of 6,420,602 pounds. The figures covered production of 85 percent material.

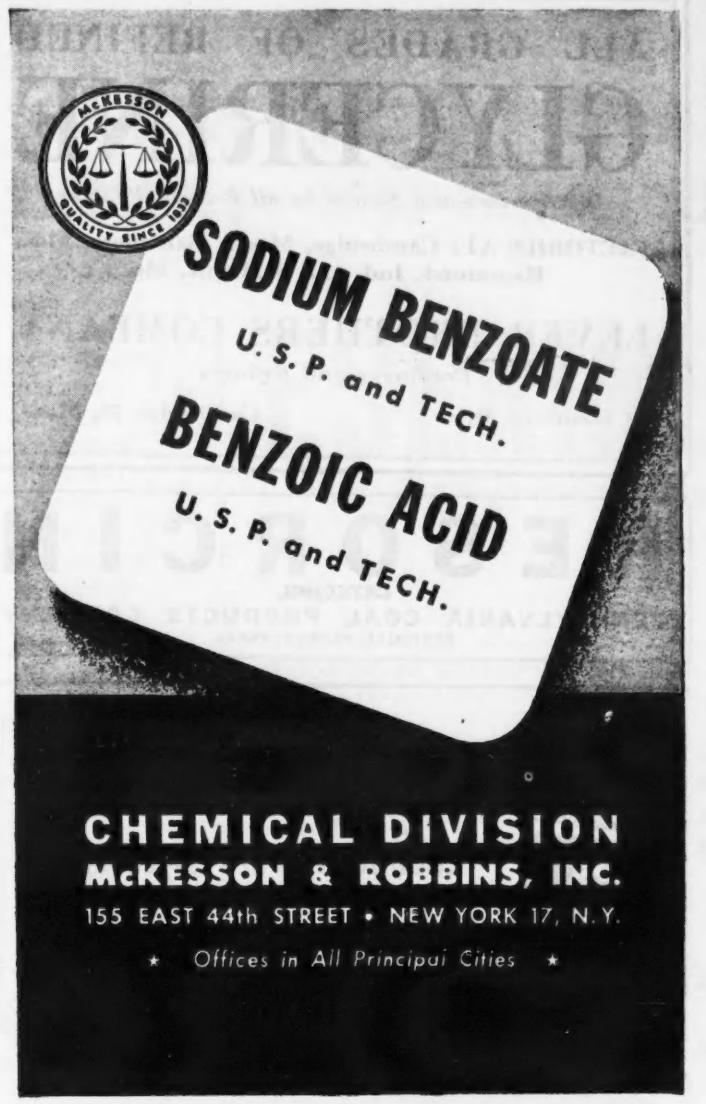
Ethyl Ethers—Production of technical and U.S.P. goods in February totaled 2,571,081 pounds, against January output at 3,313,097 pounds.

Fishliver Oils—Demand ran strong. Production was behind needs and a substantial expansion in available supplies would be needed to balance the call and stocks. Prices prevailed at ceilings.

San Francisco, May 1.—Fish liver market continues quiet here. Short supplies limit trading. No new features noted.

Formaldehyde — February production totaled 38,253,695 pounds, which compares with January output at 39,210,905 pounds. The figures are the

For Late Market Developments, See Page 4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latest production data released by the U. S. Tariff Commission.

Glycerin—Demand runs so heavy that industrial users have gone abroad to seek such "surplus" stocks as might exist. They have found some—a total of about a quarter of a million pounds of both refined and crude which were brought in here during the first quarter of this year.

As high as 65c. per pound has been the cost of this imported refined glycerin—a price that compares with the domestic ceiling of 18c. per pound on domestic production in tanks, and also with the World War 1 price of about 67c. reached when prices were not controlled.

However, refiners here believe that stocks of glycerin available in foreign countries are about exhausted and they expect imports to be far smaller during the second quarter of this year. But the price paid for imported refined glycerin suggests what might happen to prices on domestic material were the Office of Price Administration to remove all price control on glycerin, oils and fats. And at least some of them believe that such removal would be a distinct mistake: glycerin at 65c. per pound is not considered "good medicine" for the market—from long range point of view.

Chicago, April 23.—Glycerin prices are:—C.p., tanks, 18c.; drums, c.l., 18¼c.; l.c.l., 18¾c.; high gravity, tanks, 17½c. to 18c.; drums, c.l., 17½c. to 18c.; l.c.l., 18c. to 18¾c. Chemically pure, 18c. per pound, tankcars, 18½c., drums, carlots; 18¾c., drums, less than carlots.

Menthol—Prices lacked further change but they were very firm in the instance of natural and synthetic menthol. Production of synthetic is curbed by the heavy consumption of metacresol in the production of other products and the producers apportion production on something akin to a quota basis based on the historical requirements of regular customers. Values in Brazil were well maintained.

Methanol—February witnessed production of 41,557,771 pounds of synthetic material, which compares with 48,054,166 pounds reported produced in January. The U. S. Tariff Commission also declared that February production of natural methanol was 1,228,466 pounds, which relates to January output of 1,402,481 pounds.

Milk Powder—The Production and Marketing Administration of the Department of Agriculture bought 2,365,380 pounds of whole milk powder in completing its March purchase program. Since January, purchases have risen to 4,175,720 pounds. No purchases of spray process skimmed milk powder were made in March, and the total since January 1 stands at 9,200,790 pounds.

Penicillin—February production, according to the U. S. Tariff Commission, totaled 1,702,983 million units, against the January output of 1,513,005 million units.

Quicksilver—During the past week 105 flasks of metal reached here from Tampico, Mex. Spot quotations were lower at $102 to $104 per flask as an asked price but suppliers indicate very little call for metal at this time. The last price heard on Spanish metal was $101.50 per flask, duty paid. No arrivals since those in March have been noted.

San Francisco, May 1.—The quicksilver market remained steady here the past week. Prices were stable. Spot metal was short. Producers quoted metal between $103 and $105 per flask, f.o.b. San Francisco.

Phenobarbital—February production of 26,199 pounds compares with January output at 29,048 pounds, according to the latest statement made by the U. S. Tariff Commission.

Sulphathiazole—According to the U. S. Tariff Commission, production totaled 143,954 pounds in February, while in January it was 191,548 pounds.

Theobromine—No further advance came in quotations on this item but its market position was one of substantial strength. Being removed from OPA price control, the item will seek a level set by supply and demand. During the period under review, 159 cases were imported for Brazil for the account of a large domestic factor with a factory in that country.

Steel Shipping Barrels Output Off in February

Production of steel shipping barrels, drums and pails during February dropped drastically from the January levels, with the industry producing 837,316 heavy-type barrels and drums, 604,107 light-type barrels and drums, and 3,087,692 steel packages, kegs and pails, according to a report by the Bureau of the Census. This compared with the December production of 1,689,748 heavy-type barrels and drums, 816,166 light-type barrels and drums, and 4,279,269 packages, kegs and pails.

Winthrop Grants $2,500 For Ochsner Medical Study

The Winthrop Chemical Company, New York, has made a one-year grant of $2,500 to the Alton Ochsner Medical Foundation to support investigations to be carried out by the foundation's department of chemistry.

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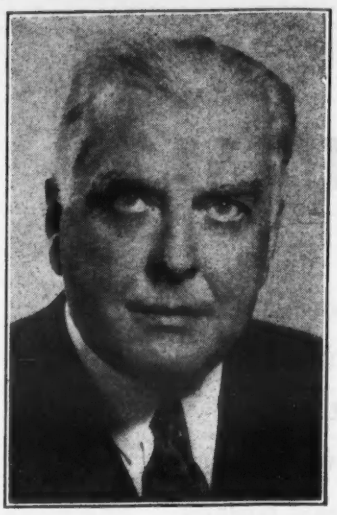

Dudley W. Figgis, president of the American Can Company, New York, has been elected to the board of trustees of the Stevens Institute of Technology.

Arapahoe Chemicals Organized in Colorado

The Arapahoe Chemicals, Inc., has been organized in Boulder, Col., for the manufacture of special organic chemicals for sale to research laboratories. Incorporators are five former students of the University of Colorado.

John W. Bartram, formerly with the Union Carbide & Carbon Chemicals Corporation, New York, will be president of the new firm. Oscar B. Jacobson, acting chief construction engineer at the Whiting refinery of the Standard Oil Company of Indiana, will be plant manager; Dr. Richard C. Waugh, also with Indiana Standard, will be technical director; Thomas D. Waugh, formerly with the research department of the Atlantic Refining Company, will be research director, and Robert D. Inman, recently released from the army, will be treasurer.

Bristol-Myers Names Dahle to Research Post

Dr. Dan Dahle, formerly with the United States Food and Drug Administration, has been appointed research director at the Hillside, N. J., plant of the Bristol-Myers Company, pharmaceutical manufacturer, New York. Dr. Dahle, who was in government service for eighteen years, has been head of the FDA's cosmetic division since 1938.

United Jewish Appeal Drug Section to Meet

Members of the drugs, cosmetics and allied trades division of the United Jewish Appeal of Greater New York, will hold a dinner-meeting in the Pierre hotel, May 23. Featured speaker will be former lieutenant governor Charles Polletti of New York.

The division has set as its goal $350,000, as compared with $100,000 in 1945. The goal of the city-wide campaign is $35,000,000.

Colgate-Palmolive-Peet Elects Two Vice-Presidents

The Colgate-Palmolive-Peet Company, Jersey City, N. J., has elected Hugh R. MacMillan, jr., vice-president in charge of production and Robert E. Healey, vice-president in charge of advertising. Mr. MacMillan, who joined the firm in 1941, was previously general superintendent, and Mr. Healey, who has been with the company since 1934, was formerly advertising manager.

A. R. Maas Chemical Company, South Gate, Cal., has issued a new catalogue containing technical information on the company's phosphates and photographic chemicals, which is available on request to the company.

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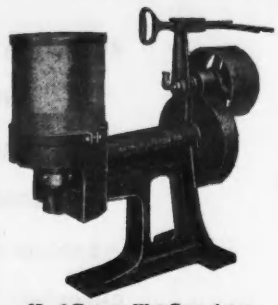

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2. TUBES: Approximate weight of tube 1 oz. Approximately 98% lead and 2% antimony with plastic caps.
3. TRIACETIN, 73%, originally approx. 2,646,000 lbs.
4. DICHLORAMINE-T, 15%, originally approx. 544,000 lbs.
5. CELLULOSE ACETATE-BUTYRATE, 12%, originally approx. 435,000 lbs.

Both the Triacetin and Dichloramine-T are believed to be partially decomposed, liberating acetic acid and chlorine in the mixture. A process has been suggested for converting the remaining Dichloramine-T into para-toluene sulphonamide, which with the remaining constituents may constitute a salable plasticizer for Vinyl and some cellulose plastics. No guarantee is extended on any extraction.

The largest amounts are located at Edgewood Arsenal, Md. (10,000,000 tubes) and Huntsville, Ala. (6,000,000 tubes) with varying amounts in the Atlanta, Cincinnati, Denver, Kansas City (Mo.), Salt Lake City, St. Louis, San Francisco, San Antonio and Seattle areas.

Informal written offers to purchase all or any part of this material, as is, where is, will be received until noon May 27, 1946, at the address given below. WAA reserves the right to reject any or all offers, or to make awards in whole or in part, or to extend the period of sale.

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Chemical Cordwood Higher in Missouri

An f.o.b. mill ceiling increase of 70 cents per cord of 128 cubic feet for chemical cordwood produced in Missouri was announced May 2 by the Office of Price Administration. The increase, wnich brings the price of chemical cordwood in Missouri to $7.20 per cord, will be absorbed by the mills. It is effective May 6, 1946. The action increases the ceiling for chemical cordwood at the same time that a ceiling increase for the same amount is being announced for pulpwood produced in Missouri. In discussing the order, OPA said that the raw materials of cordwood and pulpwood are different only in the end use and that a definite price relationship has always been maintained between the two commodities. If these price relationships were not maintained, cordwood would be diverted to pulpwood uses, thereby reducing the supply of chemicals produced from cordwood, OPA said.

Prices Current

—*Continued from page* 30

Vitamin A (see Oils, codliver, halibut-liver).
B_1 (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol).
D_2 (see Calciferol).
E (see Alphatocopherol).
G (see Riboflavin).
P-F (see Acid, nicotinic, and Nicotinamide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.	lb.	.55	Nom.
Wattle bark,[2,3] E. Africa, bgs., f.a.s.	ton.	52.50	—
S. Africa, merchantable, bgs., f.a.s.	ton.	52.50	—
fair average, bgs., f.a.s.	ton.	55.00	—
prime quality, bgs., f.a.s.	ton.	57.50	—
extract,[1] liquid, 38% tannin, bbls., works.	lb.	.05½-	.06¼
tanks, works	lb.	.04¾-	.06¼
solid, E. Afr., 61% tannin, ex dock.	lb.	.05595-	.05845
S. Afr., 62% tannin, ex dock.	lb.	.0572-	.0597

Wattle extract prices based on $12 freight and $1.00 insurance per long ton.

Wax, amorphous (see Wax, microcrystalline).			
Bayberry, bgs.	lb.	No stocks	
Bees, bleached, USP, white, bricks, cakes, cs.	lb.	.68	.70
slabs, bgs.	lb.	.65	.66
crude, African, bgs.	lb.	.50	.51
Western hemisphere, bgs.	lb.	.57	.59
refined, yellow, brick, bgs.	lb.	.61	.62
cakes, cs.	lb.	.60	.61
Candelilla, crude, bgs.	lb.	.76	.78
refined, bags	lb.	.80	—

Powdered, candelilla, 20 mesh, 5c. per lb. extra; 80 mesh, 5½c.; 160-200 mesh, 6c.

Carnauba, chalky, No. 3, bgs., ton lots.	lb.	1.65	1.70
North Country, No. 2, bgs., ton lots.	lb.	1.75	1.80
No. 3, bgs., ton lots.	lb.	1.70	1.75
refined, bgs., ton lots.	lb.	1.80	1.82
yellow, No. 1, bgs., ton lots.	lb.	1.90	1.95
No. 2, bgs., ton lots.	lb.	1.88	1.90

Powdered carnauba prices, same differentials as powdered candelilla.

Ceresin, dom., 122°-126° m.p., bgs.	lb.	.12½-	.13½
138°-140° m.p., bgs.	lb.	.14	—
158°-162° m.p., bgs.	lb.	.19	.23
Japan, cs.	lb.	No stocks	
Microcrystalline, 170°-176° m.p., A.S.T.M., amber, ctns. 36 tons, yearly contract, group 3, works.	lb.	.14½-	—
amber, ctns., smaller lots, same basis.	lb.	.14½-	.15½
black, ctns., 30 tons, same basis.	lb.	.12¾-	—
smaller lots, same basis.	lb.	.13	.13¾
190°-195° m.p., A.S.T.M., amber, ctns., 30 tons, same basis.	lb.	.16½-	—
smaller lots, same basis,	lb.	.16½-	.17¼
black, ctns., 30 tons, same basis.	lb.	.14¾-	—
smaller lots, same basis,	lb.	.15	.15¾
190° - 195° m.p., A.S.T.M., white, ctns., 30 tons, same basis.	lb.	.34½-	—
smaller lots, same basis,	lb.	.35	.35¾
Montan, domestic, bgs.	lb.	No stocks	
Ouricury, crude, bgs., ton lots.	lb.	1.10	1.15
refined, bgs., ton lots.	lb.	1.80	1.85

Powdered ouricury prices same as powdered candelilla.

Ozokerite, dom., 189-190 F., bgs., c.l.	lb.	.36	—
l.c.l.	lb.	.38	—
182-183 F., bgs., c.l.	lb.	.31	—
171-172 F., bgs., c.l.	lb.	.27	—
Spermaceti, blocks, cs.	lb.	.27	.32
cakes, cs.	lb.	.28	.33
White lead (see Lead, white).			
White precipitate, powd., dms., 50 lbs. or more.	lb.	2.50	—
White pine bark, rossed, bls.	lb.	.16	.19
Whiting,[1] chalk, dry-grd., bgs., c.l.	ton.	18.00	-22.00
l.c.l.	ton.	20.00	-24.00
wet-ground, bgs., c.l.	ton.	21.00	-25.00
l.c.l.	ton.	25.00	-29.00
gilders, bolted, bgs., c.l.	ton.	20.00	-24.00
l.c.l.	ton.	21.00	-25.00
extra-bolted, bgs., c.l.	ton.	22.00	-26.00
l.c.l.	ton.	23.00	-27.00
Limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works.	ton.	6.00	—
smaller lots, N.E., works.	ton.	7.00	- 9.00
Whiting, limestone, wet-grd., air-coated, 300 mesh, 99½%, bgs., c.l.	ton.	9.35	-10.10
200 mesh, 99½%, bgs., c.l.	ton.	8.00	- 9.80
99%, bgs., c.l.	ton.	6.25	- 7.00
water-floated, extra gilders, bgs., c.l.	ton.	10.00	—
gilders, bgs., c.l.	ton.	12.45	—
putty grade, bgs., c.l.	ton.	12.00	—
Paris white, bgs., c.l.	ton.	24.00	-28.00
l.c.l.	ton.	25.00	-29.00
precipitated, bgs., c.l.	ton.	14.00	-15.00
l.c.l.	ton.	15.00	-20.00
Wild cherry bark, thick, bls.	lb.	.06	— .07
thin, natural, bgs.	lb.	.16	— .17
rossed, green, bls.	lb.	.25	— .26
Wild indigo root, bls.	lb.	.22	— .25

—*Continued on page* 58

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METHYL SALICYLATE, U. S. P.
ACETYLSALICYLIC ACID, U. S. P. (Crystals and Powder)
ACETYLSALICYLIC ACID (10-15-20% Starch Granulations)
SALICYLIC ACID, U. S. P. (Crystals and Powder)
AMMONIUM SALICYLATE, N. F. (Crystals)
CALCIUM SALICYLATE (Powder)
LITHIUM SALICYLATE, N. F. (Powder)
MAGNESIUM SALICYLATE (Powder)
SALOL, U. S. P. (Phenyl Salicylate) (Granular)
STRONTIUM SALICYLATE, N. F. (Powder)

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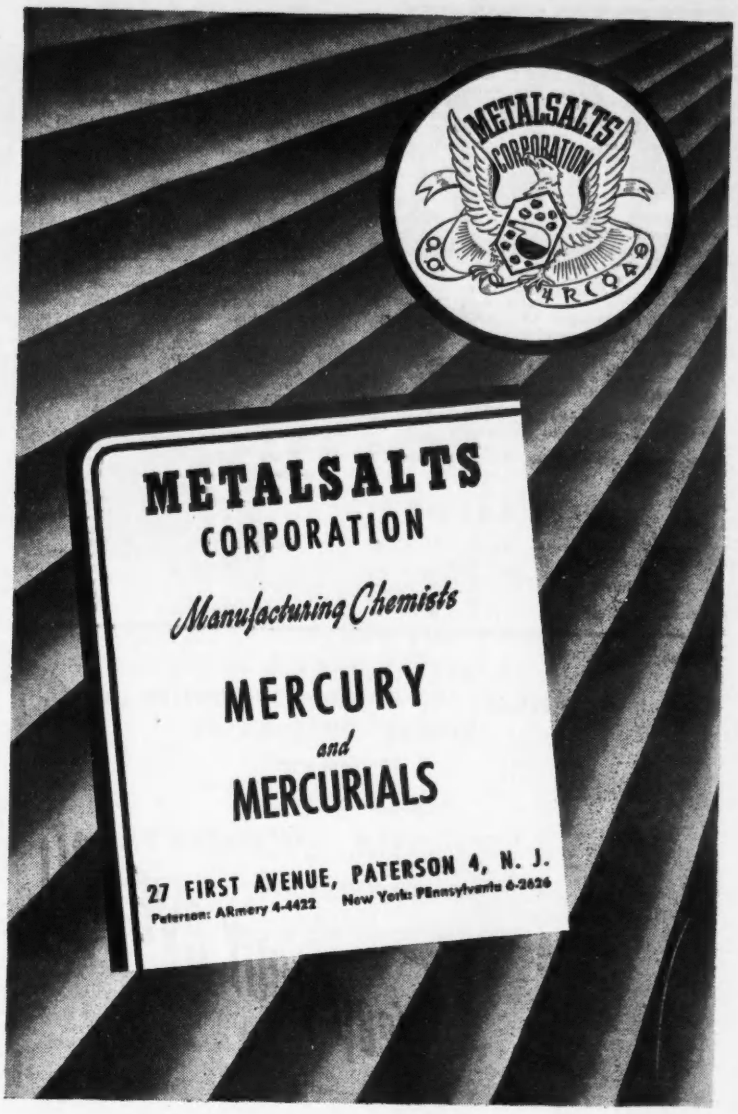

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- ★ **Ethyl Iodide** Chemically Pure
- ★ **Methylene Iodide** Chemically Pure
- ★ **Sodium Iodide** U. S. P.
- ★ **Sodium Iodide** Chemically Pure (Tested Purity)
- ★ **Iodine, resublimed** Chemically Pure (A. C. S. Grade)
- ★ **Iodine, resublimed** U. S. P.
- ★ **Hydriodic Acid, 10%** U. S. P. VI
- ★ **Hydriodic Acid, 45%** Chemically Pure
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- ★ **Hydriodic Acid, Fuming (70%)** Chemically Pure
- ★ **Iodoform** High Purity

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Manufacturing Chemists

Witch-hazel leaves, bls.....lb. .21 - .25
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N. Y..ton.20.00 - —
60 mesh, same basis.....ton.24.00 - —
80 mesh, same basis.....ton.27.00 - —
100 mesh, same basis.....ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs.....lb. .20 - .22
Levant, bgs.....lb. 4.50 - 4.75
Wormwood, bls.....lb. .50 - .60

X

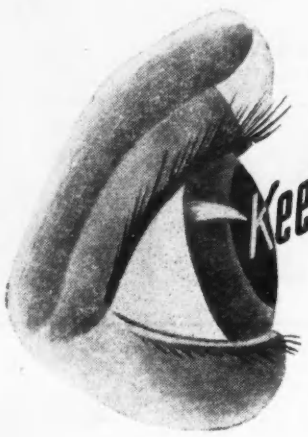
Xanthorrhiza, bls. .....lb. .28 - .30
Xylene (see Xylol).
Xylidin, mixed, dms.....lb. .35 - .36
Xylol (xylene), coaltar, Indus., ret. dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld..gal. .26 - —
West Minnequa, Colo..gal. .26 - —
10°, ret. dms., works.....gal. .34 - —
tanks, E. of Omaha, frt. alld. gal. .29 - —
5°, ret. dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —
3°, ret. dms., works.....gal. .47 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
Petroleum xylol prices, same as those for coaltar xylol.

Y

Yara yara, cryst., bots., cns..lb. 1.75 - 1.90
Yeast, brewer's dry, 50 B units, dms..lb. .35 - —
90 B units, dms.....lb. .45 - —
200 B units, dms.....lb. .50 - —
300 B units, dms.....lb. .60 - —
Yellow, barium chromate, CP, bgs., l.c.l., divd. N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul..lb. .32 - —
Barium chromate yellow price differentials in other State and city zones are those for chrome yellow below.
Benzidin, bbls., dlvd.....lb. 1.35 - 2.25
Cadmium, CP, bgs.....lb. 1.35 - 1.40
ton lots, E. of Rockies..lb. .55 - —
smaller lots, same basis, lb. .62 - —
sulphide, orange, cs., kgs., works..lb. 1.10 Nom.
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts .lb. .16 - —
Chrome yellow prices are ½c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport), 1¼c. Miss., N. C., S. C., Tenn., Dallas, Tex. 1¼c.; Ft. Worth, Tex., 1½c.; El Paso, Tex., 2c.; Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis as chrome..lb. 1.37 - —
primrose, bbls., same basis.lb. 1.75 - —
Iron oxide, nat., bbls., c.l., Bethlehem, Easton, Pa. lb. .04½- —
l.c.l., same basis.....lb. .05 - —
synthetic, bbls., c.l., works. lb. .0685- —
l.c.l., works.....lb. .0710- —
Mercury oxide, bbls., 1,000 lbs. lb. 2.43 - —
smaller lots.....lb. 2.45 - —
Yellow, ocher, American, golden, bbls., works..lb. .04½- .06¼
yellow, bbls., works.....lb. .02 - .03½
French type, bbls., c.l.....lb. .0815- —
l.c.l. .....lb. .0935- —
Persian orange (see O).
Zinc, bbls., same basis as chrome..lb. .16 - —
Navy spec. type, bbls., contract..lb. .16 - —
Yellow dock root, bls.....lb. .35 - .38
Yellow xanthorrhiza (see Xanthorrhiza).
Yerba santa leaves, bls.....lb. .30 - .32
Yohimbine hydrochloride, vis..oz. 5.00 - 5.75

Z

Zein, bgs., 1,000 lbs., works...lb. .25 - —
smaller lots, works.....lb. .30 - —
Zinc acetate, tech., bbls., dlvd.lb. .16 - .17
USP, bbls.....lb. .26 - .27
kgs. .....lb. .29 - —
Arsenite,[1] bgs., c.l., frt. alld. E. of Rockies..lb. .11¾- .12½
l.c.l., same basis.....lb. .12¼- .13¼
Borate, bgs., c.l.....lb. .12 - —
Carbonate, tech., rubber-makers' grade, bbls., works..lb. .09¾- .10¾
USP, precip., powd., bbls..lb. .35 - —
dms. .....lb. .40 - —
kgs. .....lb. .37 - —
Chloride, tech., fused, dms., c.l., works..100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 5.35 - —
gran., dms., c.l., works... 100 lbs. 5.75 - —
l.c.l., works.....100 lbs. 6.50 - —
solution, 50%, dms., c.l., works..lb. .0315- —
l.c.l., works.....lb. .04½- .04½
tanks, works.....lb. .0250- —
USP, dms.....lb. .30 - .31
jars .....lb. .35 - .36
Zinc, chromate (see Yellow, zinc).
Cyanide, kgs., works.....lb. .33 - .37
Dust,[6] bbls., c.l., divd.....lb. .1035- —
l.c.l., works.....lb. .1135- —
Fluoride, bbls.....lb. .25 - .30
Hydrosulphite, dms., works..lb. .16 - —
Iodide, NF, bots.....lb. 4.63 - 4.75
jars .....lb. 4.40 - —
Laurate, bbls.....lb. .32 - .38
Metal,[1] (quotations in Protective Coatings market).
Naphthenate, 8%-10% Zn, dms. lb. .16 - .19¼
Oxide, pigment, dom., acicular, bgs., c.l., divd..lb. .07¼- —
l.c.l., divd.....lb. .07½- —
American process, com'l, lead-free, bgs., c.l., divd..lb. .07¼- —
l.c.l., divd.....lb. .07½- —
leaded, 5%, bgs., c.l., divd..lb. .07¼- —
l.c.l., divd.....lb. .07½- —
leaded, 35% or more, bgs., c.l., divd..lb. .07 - —
l.c.l., divd.....lb. .07¼- —
French process, com'l, lead-free, bgs., c.l., divd..lb. .07¼- —
l.c.l., divd.....lb. .07½- —
green seal, bgs., c.l., divd..lb. .09 - —
l.c.l., divd.....lb. .09¼- —
red seal, bgs., c.l., divd. lb. .08¾- —
l.c.l. .....lb. .09¾- —
white seal, bgs., c.l., divd..lb. .09½- —
l.c.l., divd.....lb. .09¾- —
USP, ctns., c.l.....lb. .10¼- —
l.c.l. .....lb. .10¾- —
Zinc oxide Pac. Coast prices ½c. higher; bbl. prices ½c. higher than bgs.
Resinate, fused, 1% Zn. lump, precipitated, 5.40% to 9% Zn, powd., dms..lb. .14½- .15
Silicofluoride, bbls.....lb. .15 - .17
Stearate, tech. ,ctns., c.l., frt. equald..lb. .29 - —
smaller lots, same basis.lb. .30 - .31
USP (same prices as tech.).
Sulphate, cryst., bgs., c.l., works, frt. alld..100 lbs. 3.40 - —
l.c.l., same basis ....100 lbs. 4.15 - —
flake, bgs., c.l., same basis. 100 lbs. 3.80 - —
l.c.l., same basis....100 lbs. 4.55 - —
powd., bgs., c.l., same basis. 100 lbs. 5.35 - —
l.c.l., same basis....100 lbs. 6.10 - —
Zinc sulphate, in bbls., 25c. higher.
Sulphide,[1] pure, bgs., c.l., divd. lb. .08¼- —
l.c.l., divd.....lb. .08½- —
bbls., c.l., divd.....lb. .08½- —
l.c.l., divd.....lb. .08¾- —
Barium pigment,[1] bgs., c.l., divd..lb. .0560- —
l.c.l., divd.....lb. .0585- —
Calcium pigment,[1] bgs., c.l., divd..lb. .0560- —
l.c.l., divd.....lb. .0585- —
Fluorescent pigment,[1] works, frt. alld..lb. .90 - 1.00
Magnesium pigment,[1] bgs., c.l., divd..lb. .05¾- —
l.c.l., divd.....lb. .06 - —
Zinc sulphide and pigments, Pac. coast prices ½c. higher; bbl. prices ½c. higher than bgs.
Sulphocarbolate, NF, bbls., dms. lb. .28 - .30
Tallate, 5% Zn, dms.....lb. .09¾- —
Yellow (see Yellow, zinc).
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.65 - —
l.c.l., works.....100 lbs. 6.70 - —
Zinc-cadmium sulphide, fluorescent, cns., works, frt. alld..lb. 2.00 - 2.60
Zinc-iron oxide pigment, bgs., c.l., divd..lb. .06 - —
l.c.l., divd. E. of Rockies, lb. .06¼- —
Pac. cst.....lb. .06½- —
ex whse., Pac. cst....lb. .07 - —
Zirconium acetate, solut., bbls., works..lb. .25½- —
Hydride, cns., works.....lb. 7.00 - 8.00
Nitrate, bgs., works.....lb. 3.00 - 4.00
Oxide, 88%, grd., bbls., c.l., works..lb. .22½- —
l.c.l. .....lb. .23¾- —
white, 98½-99%, grd., kgs., works..lb. .80 - —
milled, electric, fused, 2,000-9,999 lbs., works.lb. .46 - —
500 lbs. and less, same basis..lb. .46½- —
Oxychloride, crust., bbls., 5 tons, works..lb. .29½- —
Sulphate, basic, cake, bbls., c.l., works..lb. .18 - —
l.c.l., works .....lb. .18½- .20
smaller lots, works..lb. .30 - .31½



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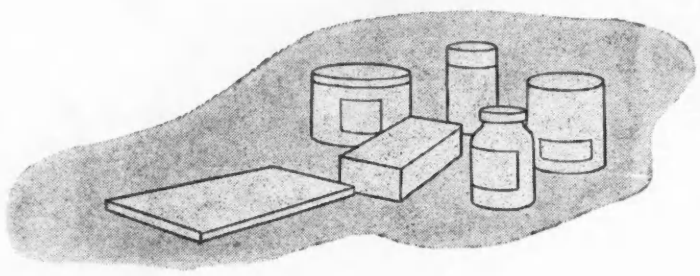

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2. Five NOPCO vitamin control laboratories conduct routinely *some sixty different control operations,* your assurance of quality control.

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Textile and Leather Chemicals

The feature of the sizing materials market during the week was the lifting of price control on potato starch by the Office of Price Administration, April 29. Although the supplies of potatoes are adequate, the agency stated, their prices and former ceilings for the starch placed manufacturers in a price squeeze. The action will relieve the agency of the heavy administrative burden of making price adjustments for manufacturers, if controls were not removed. OPA stated that while prices were suspended from controls they will be watched closely and if prices rise excessively, controls will be promptly replaced.

OPA says it had not been petitioned to increase price ceilings of tapioca flour, but that there had been some talk of raising prices in order to meet foreign competition at primary centers. It was understood that nothing will be done about raising prices until the new crop starts moving. The tight supply situation in corn starch and other derivatives continued acute. It was reported that the coal strike may reduce the production as processors' coal stocks were reported extremely low. New price ceilings for corn derivatives were expected shortly, with deliveries and sales transacted at prevailing quotations pending the adjustment of ceilings by OPA.

Business in tanning materials was light and spasmodic, during the week, owing to the scarcity of offerings for shipment. Primary markets were generally firm at current levels, with the exception of mangrove bark and myrobalans. Quebracho and wattle extracts commanded most of the consuming inquiry.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
288.5	288.5	288.5	279.7

(For Current Prices see page 9)

Chemicals

Bichromates—Firm conditions continued to feature this market. Demand was active and absorbed the bulk of the output, mainly on former contracts. Export inquiry was keen, with shipments restricted owing to light supplies. Prices were firm at ceilings.

Soda, Acetate—Scarcity of containers continued to hamper deliveries. Production was reduced by the small supply of coal. Demand was good.

Soda, Hydrosulphite—Demand continued active for requirements against previous orders. Supplies were reported not excessive, but were adequate to meet the current demand.

Sulphonated Oils—Business was restricted by the scarcity of oils and fats. Producers of sulphonated oils were allocating quantities to regular customers to meet immediate requirements.

Zinc Dust—Production of zinc dust totaled 1,925 tons and shipments were 1,837 tons during January. Stocks at the end of the month were 1,856 tons, against 1,802 tons, January 1.

Dyestuffs

Annatto Seed—Business was light and mainly for immediate needs. Supplies were well held at current levels. Offerings from primary markets were scarce.

Cochineal—Supplies were reported limited and closely held at former quotations. Trading was slow.

Madder—Routine demand was noted for spot delivery. Prices were unchanged.

Sizing Materials

Albumen, Blood—Scarcity of basic materials has reduced production, which caused some delay in deliveries. Demand was active for new commitments and for delivery against former orders. Market was firm. Dried soluble blood also was in good request.

Albumen, Egg—Trading was fairly active at current ceilings. Supplies were more liberal and adequate to meet current needs. Interest in technical grades was moderate and quotations cover a wide range depending upon quality. Supplies of low quality material were reported quite liberal. Production of liquid eggs during March totaled 129,507,000 pounds, compared with 135,233,000 pounds in March last year, BAE reports. Production of dried egg during March totaled 18,335,000 pounds, compared with 19,183,000 pounds in March a year ago. Production consisted of 16,555,000 pounds of whole dried, 261,000 pounds of dried albumen and 1,519,000 pounds of dried yolk.

Dextrin, Corn—Demand continued to exceed the supply. Deliveries against former orders were restricted to 60 percent of 1945 purchases. New price ceilings were expected shortly and sales were made at prevailing levels, pending the adjustment of current ceilings by OPA.

Egg Yolk—Output of egg yolk totaled 1,519,000 pounds during the month of March. Market was firm at ceilings, with trading moderate. Supply situation was fair and stocks were sufficient to cover the demand. Prices were firm at ceilings.

Starch, Corn—Supply situation continued acute, with processors allocating limited quantities to regular consumers. Announcement of new price ceilings were expected shortly. It was reported that the coal strike may further affect production as coal stocks held by processors were extremely low. Visible corn supply was further reduced 967,000 bushels to 17,680,000 bushels for the week ended April 27, compared with 16,681,000 bushels, a year ago, according to the Chicago Board of Trade. Stocks of corn in all positions on and off farms on April 1, were placed at 1,130,000,000 bushels and were 19 percent smaller than for the same time last year and 1 percent less than in 1944, it was reported by BAE.

Starch, Potato—Price control on potato starch was removed April 29, by OPA. Potato supplies are adequate, their prices and former ceilings placed manufacturers in a price squeeze, the agency stated. The action, also will relieve the agency of the heavy administrative burden of making price adjustments for manufacturers which would be necessary if controls were not lifted.

Tanning Materials

Chestnut Extract—Some improvement was reported in the production which resulted in increased quantities allocated. Market was firm at ceilings.

Divi-Divi—Market was steady, although trading was reported dull. Offerings from primary markets were well held at former quotations. Buying interest was fairly active. Arrivals totaled 9,280 bags at New York during the week for delivery on prior contracts.

Mangrove Mark — Arrivals were heavy and totaled 32,505 bags of mangrove bark at New York from East Africa during the week and were delivered against former contracts. Consuming inquiry continued light and the market was dull.

Nutgalls—Imports of 3,305 bags of nutgalls were noted from Istanbul consigned to the U. S. Commercial Co. during the week. Supplies on the spot were quoted at 50c. to 52c. per pound, according to quantity.

Quebracho Extract—Conditions in this market remain firm. Inquiry for forward delivery was reported fairly active. Arrivals totaled 21,380 bags at New York during the week. Prices were well held at ceilings.

Tara Powder—Supplies were reported scarce, with inquiry moderate. Prices were firm at ceilings. Some 277 bags of powder were imported during the week.

Wattle Bark—Scarcity of offerings for shipment continued to restrict business. Inquiry was active for prompt and nearby shipment. Prices were unchanged and firm at ceilings. Arrivals of bark totaled 3,821 bales and 6,210 bags of extract at New York during the week for delivery on prior orders.

For Late Market Developments, See Page 4

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Botanical Drugs, Spices, Gums

Lively demand prevailed in the market for botanical drugs last week. Hand in hand with a rise in inquiries came more competition and closer shopping for botanical entities. All of the market was very busy and in most respects the basic market was reasonably favorable for those buying goods. At least, the tendency to meet bids or shade prices to get attractive orders offered under competition was more prominent than it was during the days of almost nothing but open market orders. Times have changed.

They have changed parallel with the larger flow of botanical shipments from foreign parts to the spot. Each week restores to the list of active shipping ports cities whose names had been missing for years. Last week, Venice and Trieste were posted on the list of ports shipping botanicals and goods reached here from those points.

Prominent among price declines were those in prices on gentian root and hyssop leaves and herb. Stocks of all three have accumulated recently and first costs allowed a margin for closer pricing when competition held the reins. Among condimentals still sliding down the price hill were caraway seed, decorticated cardamom, China cassia, and poppy seed. Incidentally, cassia was reported removed from import quota scheduling.

The market had its articles of strength. Asafetida stirred and higher prices were quoted nominal while dealers awaited further unfolding of allegedly stronger conditions at the source. Arabic sorts stepped a quarter-step higher to line more closely with primary market values. Cassia buds were not to be had save at a severe advance, and tonka beans from Angostura sold higher. Senna was higher in India and firmer here.

Balsams

Peru—Very steady. Demand mainly for limited needs. Fair reserves reported in hand on spot. Primary market firm.

Tolu—Advance to $2.50 per pound firmly maintained notwithstanding an arrival of 100 cases from Maracaibo. Forward delivery sales meant numerous shipments virtually direct from pier to buyer.

Barks

Cocillana—Fair reason to expect that stocks will be restored in volume sufficient to provide a supply wherewith to meet the seasonal demand of next Winter. None too much bark is in hand at the moment.

Soap—A total of 704 bales arrived. From San Antonio came 200 bales and from Valparaiso, 504 bales. This provides the spot with a fair reserve against current and nearby requirements. Undertones remained firm and prices were supported by fair consuming demand.

Beans

Tonka — Angostura beans were higher at $1.60 to $1.70 per pound. During the period under review, 48 barrels reached here from Brazil. Demand continued to be very steady.

Vanilla—Steady absorption of stocks held by manufacturing consumers added to the general firmness prevailing over prices and general market position of this material. Little to no competition is possible nor likely since most dealers' stocks are under excellent engagement and the outlook for the arrival of any considerable quantities from the several primary markets is poor.

Berries

Juniper—Goods continue to reach here from European sources. The latest arrival totaled 220 bags of which 138 bags came from Trieste—a new port added to those now shipping botanicals to the United States.

Raspberries—Not much stock remains on this market and most dealers look forward to liberal replacement buying when new crop becomes available in the domestic primary market. Most dealers also expect that new crop prices will average relatively high.

Flowers

Arnica—In come European flowers to this market. An arrival of 54 bales from Trieste, the Italian port now wanted by Yugoslavia. Prices on spot have been reduced to $2.05 to $2.10 per pound.

Lavender—Spain continues to ship spike lavender flowers to this country; an arrival of six bales from Barcelona was noted last week. The best news will come that day when French flowers reach here from Marseilles. Meanwhile, a quiet market contains dull prices.

Safflower—Some Egyptian safflower has reached here from Alexandria, being a matter of ten bales that came to a market in which firm delivery prices have yet to be established.

Saffron—Mexican saffron to the extent of fifteen bags reached here from Vera Cruz last week. Spanish saffron held very firm at a minimum of $42 per pound. Not much demand was noted for either.

Gums

Arabic—Sorts were advanced to 14¼c. to 14½c. per pound, reflecting fully all recent strength that developed parallel with rising costs actually paid in the Egyptian market. Although stocks on spot average fairly large, at the moment little competition prevails among dealers.

Benzoin—Neither Sumatra nor Siam gum has yet been shipped to this country, which leaves consumers the sole option of taking the synthetic item developed during the war and sold in very fair-sized quantities.

Camphor—Stocks held by distributors were none too large, and a surprising amount of demand for USP quality material prevailed through past week. Technical gum moved in substantial quantities and takings are more likely to increase than decrease

Market Trends

Prices Advanced

Drugs

Asafetida, 7c. per lb.
Arabic gum, sorts, ¼c. per lb.

Other Articles

Cassia buds, 8c. per lb.
Tonka beans, Angostura, 10c. per lb.

Prices Reduced

Drugs

Arnica flowers, 10c. per lb.
Gentian root, whole, 6c. per lb.
ground, 2c. per lb.
powdered, 4c. per lb.
Ginger root, Jamaica, No. 3, 1c. per lb.
Hyssop herb, 8c. per lb.

Other Articles

Carway seed, Californian, 2c. per lb.
Canadian, 3c. per lb.
Danish, 1c. per lb.
Dutch, spot, 5c. per lb.
futures, 1½c. per lb.
Cardamom, decorticated, 10c. per lb.
Cassia, China rolls, selected, 8c. per lb.
broken, 6½c. per lb.
Poppy seed, Dutch, 1c. per lb.
Swedish, 6c. per lb.
Turkish, ½c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
280.5	281.3	278.2	232.4

(For Current Prices see page 9)

Imports Detained by FDA

Week Ended April 26

New York

Arnica flowers, 16 bags: insect infested.
Cassia, 704 bales: insect infested.
Cod oil, 52 casks: decomposed.
Coriander seed, 1,602 bags: insect infested; filthy.
Corn silk, 54 bales: filthy.
Cottonseed meal, with castor pomace, 3,000 bags: full name of product not shown on bags; contains poisonous substance.
Dill seed, 830 bags: filthy.
Fenugreek seed, 100 bags: filthy.
Juniper berries, 356 bags: filthy.
Mustard seed, 893 bags: filthy.
Orris root, 190 bags: insect infested.
Saffron, 12 bags: not N.F.

Baltimore

Olive oil, 258 drums: high acidity.

Boston

Talc, powdered, 80 bags: not U.S.P.

For Late Market Developments, See Page 4

YOUR PRODUCTS DESERVE
A GOOD FOUNDATION

Not even the trying conditions of wartime ever succeeded in tempting us into a compromise with quality. Now that consumer standards are gradually but surely climbing back, you owe it to your products to "standardize on Hopkins" as much as possible. It will pay you, as always, to get in touch with us immediately regarding any Foreign or Domestic Botanical Crude Drugs for which you may be in the market.

CHECK YOUR NEEDS NOW

- ☐ Aloes, Socotrine and Cape
- ☐ Althea Root
- ☐ Anise Seed
- ☐ Boldo Leaves
- ☐ Buchu Leaves
- ☐ Colocynth Pulp
- ☐ Colombo Root
- ☐ Fennel Seed
- ☐ Gentian Root
- ☐ Ginger, Jamaica, Calicut, African
- ☐ Gum Arabic Amber Sorts
- ☐ Gum Karaya, Whole and Powder
- ☐ Horehound Herb
- ☐ Juniper Berries
- ☐ Kamala Powder
- ☐ Orris Root
- ☐ Quince Seed
- ☐ Rosemary Leaves
- ☐ Sage Leaves
- ☐ Senna Leaves and Pods
- ☐ Strophanthus Seed 100% Kombe
- ☐ Thyme Leaves
- ☐ Uva Ursa Leaves

Samples and Quotations on Request

J. L. HOPKINS & CO.
IMPORTERS, MILLERS AND MANUFACTURERS OF PROFESSIONALLY MILLED, ANALYZED CRUDE DRUGS
220 BROADWAY • NEW YORK
Boston Philadelphia San Francisco Los Angeles Memphis

they're MARKETWISE who STABILIZE with KELCO ALGIN

Uniformity of basic ingredients is essential to your products—but uniformity in appearance and texture are equally important from a merchandising viewpoint. Be marketwise and stabilize your products with KELCO ALGIN . . . as has been done in many pharmaceutical, food, paint, and other industrial applications.

KELCO ALGIN is employed as STABILIZER, SUSPENDING AGENT, BODYING AGENT or HYDROPHILIC COLLOID. It has the desirable quality of always running true to the formula set up for a specific use. It doesn't vary due to changing conditions of growth and environment. KELCO ALGIN is easy to handle—simple to use under varied operating conditions—and very economical.

Let our Technical Staff investigate the possible benefits o KELCO ALGIN to you. For prompt personal service, contact us immediately. Simply let us know your intended use.

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WHATEVER YOUR REQUIREMENTS IN BOTANICALS, PRENTISS CAN SUPPLY YOU IMMEDIATELY WITH SUPERIOR WHOLE GOODS OR FRESHLY MILLED BOTANICALS. PRENTISS DOES NOT STOP WITH MERELY SELLING BOTANICALS, THEY SEE THEIR PRODUCTS THROUGH . . . MAKE SURE THAT EACH PRODUCT IS GIVEN CAREFUL HANDLING IN ORDER THAT THEY REACH YOU IN PROPER CONDITION. YES, YOU CAN COUNT ON PRENTISS, BOTH FOR QUALITY AND FOR SERVICE.

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110 WILLIAM ST., NEW YORK 7, N.Y.
9 SO. CLINTON ST., CHICAGO 6, ILL.

WAREHOUSES AND PROCESSING PLANTS: BROOKLYN, N. Y., NEWARK, N. J.

as numerous and former large consumers get production started after reconversion from strictly war products.

Herbs and Leaves

Belladonna—Holding very firm. So far as reports show, no European leaves have reached here, although other botanical merchandise has come from ports formerly exporting European belladonna. Lower prices are expected to develop in some quarters.

Henbane—Two lots were imported last week. One of four bales came from Khorranshahi. The other was 35 bales and cames from Alexandria, Egypt. The spot market showed some tendency to sag.

Henna—Stocks gained when 77 bales reached here from Alexandria, Egypt. Primary market costs show no easing. Hence, spot quotations remain very firm, especially since demand was actively normal.

Hyssop—An accumulation of supply, the result of several arrivals, brought prices down to 67c. to 68c. per pound.

Marjoram—From Arica came 700 bales of this article. The spot market lacked unsettlement in the form of price shading. Sellers reported demand to be routine, but also quite steady.

Senna—Cables revealed prices advancing in India, and they were no easier in Egypt. Local consumption was routine, but productive of a very good volume of trade.

Miscellaneous

Cantharides—A case of this article, probably the Russian variety, reached here last week. The last sales into consumption were at about $9 per pound. That is a high price for this article—in any language.

Cassia Fistula—From Grenada came 13 bags of this article last week. The undertone of the same market was slightly easier and some intimated that a firm order in hand might be placed at prices shading the going quotation of 26c. per pound.

Tamarinds—Some West Indian tamarinds reached here from Antigua last week—a matter of some 320 bar-

—*Continued on page 78*

Professional Services

Analysis—Testing—Patents
Formulations—Trademarks

(For further details see listings in OPD Green Book.)

Jerome Alexander
50 East 41st St., New York 17, N. Y.

Arlinco Research Laboratory, Inc.
333 West 52nd St., New York 19, N. Y.

Assn. of Consulting Chemists & Chemical Engineers, Inc.
50 East 41st St., New York 17, N. Y.

Johan Bjorksten, Ph.D.,
185 N. Wabash Ave., Chicago 1, Ill.

Bureau of Chemistry
2 Broadway, New York 4, N. Y.

Di Cyan & Brown
12 East 41st St., New York 17, N. Y.

The Don Company
6253 Hollywood Blvd., Los Angeles 28, Calif.

The Edwal Laboratories, Inc.
732 Federal St., Chicago 5, Ill.

Dr. J. Ehrlich
153 S. Doheny Dr., Beverly Hills, Calif.

Ellis-Foster Company
4 Cherry St., Montclair, N. J.

Ralph L. Evans Associates
250 East 43rd St., New York 17, N. Y.

Food Research Laboratories, Inc.
48-14 33rd St., Long Island City 1, N.Y.

E. M. Laning Company
433 Stuyvesant Ave., Irvington 11, N. J.

LaWall & Harrissen
1921 Walnut St., Philadelphia 3, Pa.

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36 Roosevelt Ave., Bloomfield, N. J.

Molnar Laboratories
211 East 19th St., New York 3, N. Y.

James C. Munch
306 So. 69th St., Upper Darby, Pa.

Orthmann Laboratories, Inc.
647 W. Virginia St., Milwaukee 4, Wis.

W. S. Purdy Company, Inc.
18 Bridge St., Brooklyn 1, N. Y.

Schwarz Laboratories, Inc.
202 East 44th St., New York 17, N. Y.

Foster D. Snell, Inc.
303 Washington St., Brooklyn 1, N. Y.

Stillwell & Gladding, Inc.
130 Cedar St., New York 6, N. Y.

Herbert Waterman
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Calvert & Read Sts., Baltimore 2, Md.

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Established 1840
CRUDE DRUGS

Out of the Past —and Perhaps

Gout Was Pleasant

2.

To make de Villette's antigout elixir, one starts with ripe Jamaica rum—a good start whatever the destination. Mayhap John Masefield the poet paid it tribute when he sang the roistering pirate ballad:

"'But I'm for ripe Jamaica
'Till I roll beneath the bench'
Said the old, bold mate of Henry Morgan."

℞

Jamaica Rum	62½ pints
Cinchona Bark, Brown	25 ounces
Poppy Petals	12½ ounces
Sassafras Bark	6¼ ounces
Guaiac Resin	12½ ounces
Sarsaparilla Syrup	39 pints

Mix drugs and reduce to coarse powder. Macerate for 14 days in previously mixed rum and sarsaparilla, stirring mixture each day. Filter.

WAREHOUSE AND MILLS
JERSEY CITY **NEW JERSEY**

TRADE MARK

Essential Oils, Other Aromatics

A further weakening in the prices for anise and cassia oils provided the principal developments in the market for essential oils and aromatic chemicals last week. The disappointing response to the initial offerings of Chinese material a few weeks ago, and the lower quotations reported from that source recently, were the prime factors in depressing the spot market here. The more favorable prices for anethol and the wider use of artificial oils were reflected in decreased inquiries for both anise and cassia oils. Additional stocks were reported to be afloat from Hong Kong.

Natural bergamot oil continued to decline in price, with offerings made at the lower figure of $7 per pound. The price was less than the price paid for government allocated oil earlier in the year. Recent offerings from Sicily were reported made at lower prices. Here too, demand has been below expectations for the natural oil, while many consumers accepted the artificial bergamot as a satisfactory replacement during the war, and were slow to change over to the natural in view of the high prices.

Uncertainty increased for several aromatic chemicals as the soft coal strike continued to cut into basic coal-tar production. Some producers have not felt any direct effects as yet because of their satisfactory raw material inventories. However, if the strike should be prolonged for three or four weeks it will be necessary to make heavy inroads on inventories, which in most instances were approximately equal to 21 to 27 days requirements, based on current production.

Vanillin remained in short supply. Production difficulties in one major producing area have cleared up sufficiently to bring May allocations back to the levels prevailing earlier in the year. The low price ceiling currently prevailing, despite increased raw material and production costs, was another factor overhanging the market. Indications were that some action may be taken soon by the OPA to compensate producers for the increased costs.

Market Trends

Prices Advanced

Almond oil, bitter, FPA, 15c. per lb.
Apricot kernel oil, 2c. per lb.
Lemongrass oil, 20c. per lb.

Prices Reduced

Anise oil, Chinese, 35c. per lb.
Bergamot oil, nat., 85c. per lb.
Cade oil, U.S.P., 5c. per lb.
Cassia oil, U.S.P., 25c. per lb.
Lime oil, exp., W. I., 50c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
211.0	213.4	216.8	226.4

(For Current Prices see page 9)

Essential Oils

Almond—Following the slight advance in the sweet expressed the preceding period, quotations for the bitter, FPA, were raised to the basis of $4.75 to $5 per pound.

Anise—Spot market declined to the level of $2.50 per pound for Chinese. The lack of buying interest and lower offerings from China were factors in depressing the market.

Apricot Kernel—Prices were slightly higher at 50c. to 55c. per pound, reflecting higher replacement costs. Demand moderate.

Bay—A total of 8 drums reached here last week. Market was in a satisfactory position, and prices were well sustained.

Bergamot—The natural Italian declined again to the level of $7 per pound. Lower offerings from Sicily as well as an ample supply of government allocated material created an easier tone.

Bois de Rose—Market enjoyed a satisfactory position insofar as spot stocks were concerned, while prices were maintained at previously established levels of $5 to $5.50 per pound.

Cade—Material was offered in one quarter of the market at 75c. per pound, other sellers ideas ranged from 85c. to $1 per pound.

Cananga—Little new buying interest developed in this direction, with sellers offering only limited quantities of old stock.

Caraway—No new developments transpired, with stocks of Dutch and Russian adequate to take care of consumers requirements. Prices unchanged.

Cassia—An easier tone continued in evidence, spot price declined again to $7 per pound. Offerings from China were reported to be made at lower figures. Interest was light.

Cedarwood—A tight spot situation continued to characterize the market, and sellers usually limited available offerings to regular consumers. Prices firm.

Citronella—Ceylon material was offered on a duty duress basis, pending decision of appellate court on government's appeal to tax citronella as a compound.

Dillweed—Transactions were on a routine basis, and prices were firmly maintained at previously established levels.

Eucalyptus—Another shipment totaling 10 drums arrived last week. Position of market was improved, but more supplies were needed to take care of all inquiries.

Geranium—Little in the way of renewed buying interest took place in the market for Bourbon. Prices lacked change, while imports aggregated 10 flasks last week.

Ginger—Supplies and demand held at moderate levels, and prices failed to change.

Guaiacwood—Buying was only fair in the market last week. Stocks were entirely ample to take care of all inquiries at this time. Prices unchanged.

Lavender—Consumers made only necessary purchases as a rule, with spot position fair. Prices were steady to firm. A total of 16 drums of Spanish spike arrived last week.

Lemon—Release of government surplus stocks partially relieved the tight spot position. Imports of Messina lemon oil were looked for to take up the lag in domestic output.

Lemongrass—Spot prices were higher at $3.15 to $4 per pound. Prices at the source continued very firm, with offerings of old stock reported at $2.87 per pound f.o.b. Recent imports have not been of top quality, it was pointed out in some quarters. Imports last week were 4 drums.

Lime—Quotations for expressed West Indian lime declined to $13.50 per pound. Prices for distilled held unchanged. Imports last week aggregated 22 drums.

Nutmeg—Market position continued favorable, and prices were well maintained. A total of 2 cases arrived last week, and 205 bags of nutmeg.

Orange—Prices underwent no change, and tone was steady to firm. Demand failed to expand, while spot stocks were not too heavy.

Peppermint—A firm price tone remained in evidence reflecting firmer conditions in the country. Demand steady. Total purchases by the government from January 1 to March 31 totaled 42,000 pounds, according to the U. S. Department of Agriculture.

Petitgrain—Offerings were still limited on spot, and prices were fully maintained in view of the steadily rising replacement costs.

Rose—Small lots continued to make up the bulk of the business, while prices held the same. Imports totaled 3 drums last week.

Rosemary—Market was moderately supplied, and demand was only fair. Prices held unchanged. Imports amounted to 3 drums last week.

Sandalwood—Position of market improved after the arrival of sandalwood from India last week. Spot position remained tight because of heavy backlog of orders.

Thyme—Offerings were limited on spot, some replacements were expected from Spain, but transportation difficulties delayed shipments. Prices firm.

Wormwood—Smaller acreage planted and higher prices from the country kept market in very firm position.

Ylang-Ylang—Spot position of market was more favorable than for some time as the result of recent importa-

For Late Market Developments, See Page 4

As similar to the genuine as science can make it . . .

Imitation

SPEARMINT OIL MM&R

Virtually all the elements of natural Oil Spearmint are contained in Imitation SPEARMINT OIL MM&R. Because it offers the user both economy and top quality, this laboratory-perfected replacement has become the stand-by of hundreds of important manufacturers. Write for free testing sample today.

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SUPREME AROMATICS
ESSENTIAL – FLAVORING – PERFUME
O I L S

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OILS of LAVENDER and LAVANDIN

Shipments recently received enable us to offer a selection of French Lavenders and Lavandin for the soap, drug and toilet goods fields. If interested, write, wire or phone for specifications and quotations on these favorably priced and very desirable French oils.

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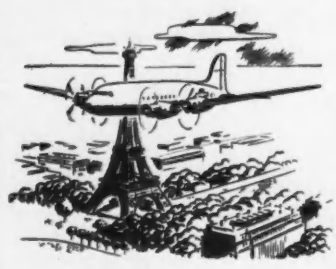
BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA , MEXICO, D.F.
FACTORIES AT CLIFTON, N. J. AND SEILLANS (VAR) FRANCE

1871 - - - OUR SEVENTY-FIFTH YEAR OF SERVICE - - - 1946

GIVAUDAN NEWS DIGEST

A WHALE OF AN OPPORTUNITY for the improvement of your creams, lotions, lipsticks and powders presents itself in the form of CETYL ALCOHOL Pure G. D. This brilliant white, wax-like substance, produced from the finest grades of spermaceti, which in turn is derived from the sperm whale, will improve the texture and smoothness of your cosmetic products as well as assist in the stabilization of emulsions. Samples and quotations on request. Send for your copy of *CETYL ALCOHOL Pure* . . . a new edition is ready for you.

★ ★ ★



A WELCOME RELAXATION in French export restrictions will result in the early appearance in this country of essential oils from France, according to an article in *The Givaudanian* for May. This move should have a desirable effect on supplies of oil of lavender from Metropolitan France and may improve supplies of vetivert, geranium and ylang ylang from the Colonies. Also recently off the press, the latest issue of *The Givaudanian, Industrial Aromatics Edition*, presents a general, world-wide picture of the aromatics situation as it affects users of industrial aromatics. Send for your copies of this new Givaudan literature.

★ ★ ★

BOARD ELECTIONS . . . Three new members were elected recently to the Board of Directors of Givaudan-Delawanna, Inc. at the annual stockholders' meeting in New York City. Mr. Ralph M. Stevenson, Sales Manager; Mr. Harold F. Duffy, Treasurer; and Dr. Max Luthy, Production Manager, are the new members.

★ ★ ★

DID YOU KNOW about the many desirable properties of Givaudan's CHLORBUTANOL? As a preservative for pharmaceutical preparations and as a stabilizer for nose drops containing ephedrine and other amines CHLORBUTANOL has gained wide acceptance. It provides low toxicity, freedom from irritation, good solubility, neutral reaction and chemical stability. Available in two grades—anhydrous and hydrate—Givaudan's CHLORBUTANOL is a high purity product which meets all standards of the U. S. P.

"Buy Wisely—Buy Givaudan"
GIVAUDAN-DELAWANNA, Inc.
Industrial Products Division
330 W. 42nd St. • New York 18, N. Y.

tions. Prices ranged widely for various grades.

Aromatic Chemicals

Anethol—A steady volume of business prevailed at the more favorable price level.

Cinnamic Aldehyde — Production and shipments were maintained at satisfactory pace to keep market position firm.

Coumarin — Uncertainty regarding raw material supplies overhanging the market because of the soft coal strike. Sellers experienced difficulty meeting all inquiries.

Eugenol—Most factors reported position satisfactory, with good export inquiry. Prices unchanged.

Indol—Spot stocks were sufficient to take care of all inquiries reaching the market. Prices ruled unchanged.

Musk—Ambrette and ketone continued in short supply, with production allocated to regular consumers. Xylol's position was more favorable.

Phenylethyl Alcohol — Shipments continued to run behind as production lagged in certain directions. Prices firm.

Terpinyl Acetate—Supplies of prime improved because of the smaller production of extra, however, situation was expected to be reversed in the next few months.

Vanillin — Production difficulties and unfavorable price ceilings were factors in restricting supplies. Shipments remained on an allocated basis.

Trade Briefs

Chicago Perfumery Soap & Extract Association's golf auxiliary will hold five tournaments this year.

Vita Ray, cosmetic division of American Home Products Corporation, New York, has appointed Miss Irene McKnight merchandise director.

Bombi, Inc., perfumes, New York, has moved its executive offices and display rooms to larger quarters at 500 Fifth avenue.

Chemical Workers Weekly Earnings Up

Weekly earnings of factory workers in chemical and related fields showed a slight gain in February, as compared with January. A breakdown of the weekly earnings for the chemical and allied industries follows:—

Average Earnings

	Weekly		
	Feb., 1946	Jan., 1946	Dec., 1945
Chemical and allied products	$42.62	$42.57	$42.55
Ammunition	43.97	42.99	42.82
Chemicals	50.67	50.72	49.56
Cottonseed oil	29.26	29.76	29.94
Drugs, medicines, insecticides	37.38	36.26	36.40
Explosives, safety fuses	48.06	46.90	48.90
Fertilizers	30.81	29.88	30.24
Paints and varnishes	45.49	45.18	45.53
Petroleum refining	....	....	....
Rayon, allied products	38.66	39.23	39.64
Soaps	46.76	48.17	48.20

Givaudan-Delawanna Names Morgan Branch Office Head

Ralph Morgan, recently released from the Marines, has joined the sales staff of Givaudan-Delawanna, Inc., essential oils, New York, and has been placed in charge of the Philadelphia office. He succeeds Ira J. Bennett, who has retired after twenty years service with the company.

NORDA
Essential Oil & Chemical Co. INC.
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325 West Huron St. Chicago, Illinois
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Tombarel **BASIC PERFUME MATERIALS**
NATURAL FLOWER ESSENCES
ESSENTIAL OILS • AROMATIC CHEMICALS
Special Perfume Creations for all Purposes
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OCTYL CROTONYL ACETATE . . . AN EXCELLENT JASMINE BLENDER
Use it alone in soaps and allied products to neutralize unpleasant odors, or as a modifier in conjunction with regular jasmine perfume to achieve a more authentic jasmine character. Octyl Crotonyl Acetate is the ideal foundation on which to build up a jasmine-type perfumed soap.
SEND FOR SAMPLES AND CATALOG "A"
P. R. DREYER INC.
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N.Y. BIMS Sets Golfing Dates

BIMS of New York has named the following dates and courses for its three golf tournaments:—June 27, Baltusrol Golf Club, Short Hills, N. J.; August 13, Winged Foot Golf Club, Mamaroneck, N. Y., and September 13, Wheatley Hills Golf Club, East Williston, L. I.

Lentheric Buys Building In Long Island City

Lentheric, Inc., perfumer, New York, has purchased an eight-story building in Long Island City for occupancy on June 30, after the premises have been vacated by the Navy, the present occupant.

Trade Briefs

Wilson & Geo. Meyer & Co., manufacturers agent, San Francisco, has added to its Los Angeles staff W. R. Kidder, recently released from the navy.

Aromatic Products, Inc., New York, has assigned to its Chicago office George R. Wood, who recently returned to the company after more than three years service with the army.

Bemis Bro. Bag Company, St. Louis, has issued a sixteen-page booklet entitled "Packaging Picture—the Story of Bemis Multiwall Paper Shipping Sacks," which is available on request at any Bemis office.

Parfums de Renel, Mount Vernon, N. Y., has expanded to larger quarters in that city and has retained its former location for additional expansion.

Heads Chemical Club

A. A. Lawrence of the Boston office of the Dow Chemical Company, Midland, Mich., was recently elected to the presidency of the Chemical Club of New England.

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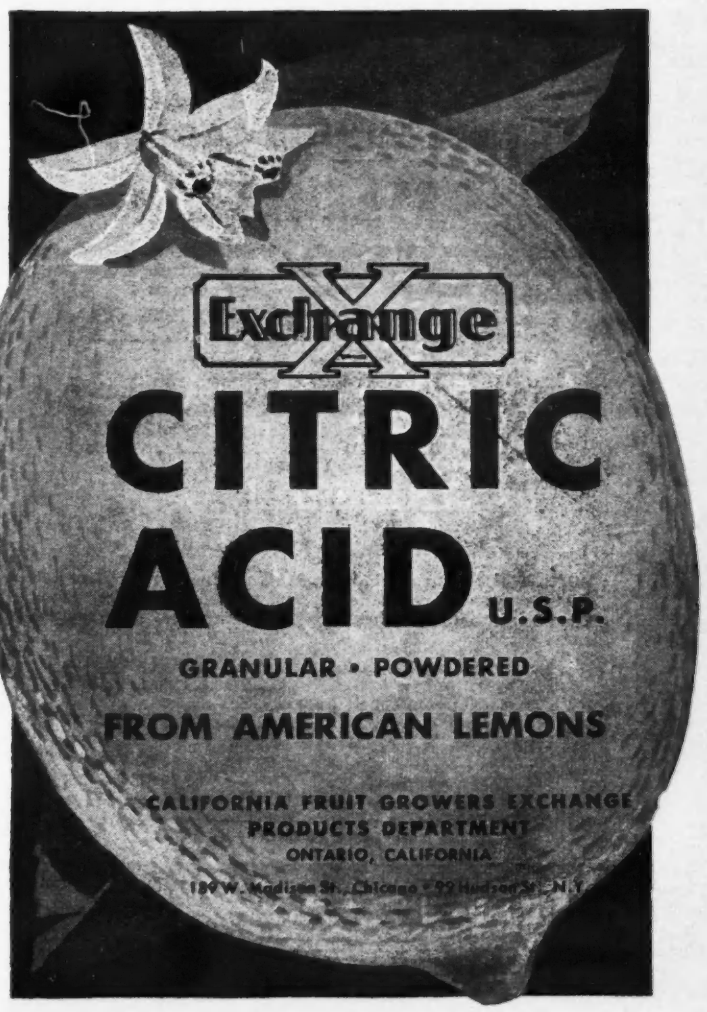

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for performance in phenolics

PARADURA is Paramet Corporation's trade-mark and name for two groups of its phenolic resins:

1. 100% Pure Phenolic Resins. These represent the highest attainments in their field. Each has exceptional merit, and is in widespread demand for surface coatings which must meet the most rigid specifications.
2. Special High Phenolic Condensation Resins. Developed to meet a demand for several unique features unobtainable in lower-priced modified phenolics.

The Paramet Line includes:

PARANOL (Modified Phenolic and Maleic Resins)
ESTEROL (Pure and Modified Alkyd Resins)
PARADURA (Pure Phenolics)
PLASKON (Urea-Formaldehyde Resins)
PARAPEN (Pentaerythritol Resins)
ESTER GUMS

PARAMET CORPORATION
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PARAMET SYNTHETIC RESINS

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ALLIED Experience
ALLIED Facilities
ALLIED Knowledge

All add up to UNIFORM COMPOUNDS

ALLIED ASPHALT & MINERAL CORP., pioneer in compounding pitches, asphalt, waxes and gilsonite over 20 years ago, maintains the largest and most complete production facilities in these fields. ALLIED also maintains a highly trained staff of chemists, laboratory workers and research technicians which assures a remarkably high degree of uniformity.

Allied Asphalt & Mineral Corp.

Established 1925
317 BROADWAY, NEW YORK 7 • FACTORY: DUNELLEN, N. J.

AGENTS AND WAREHOUSE STOCKS IN PRINCIPAL CENTERS

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BOSTON — Mulcahy & Griffin
CHICAGO — Philip B. Cole Co.
CINCINNATI — Drake & Sprinkel
CLEVELAND — S. S. Skelton
DETROIT — C. W. Hess Co.
HOUSTON — Joe Coulson Co.
KANSAS CITY — John T. Kennedy Sales Co.
LOS ANGELES — Pitts & Loughlin
MONTREAL, CAN. — Cement Company, Ltd.
NEW ORLEANS — E. P. Lestrapes
PHILADELPHIA — Lees & Dilworth, Inc.
PITTSBURGH — Jos. A. Burns
PORTLAND, ORE. — Miller & Zehrung Chemical Co.
SAN FRANCISCO — E. M. Wolfe
ST. LOUIS — Harry G. Knapp
SEATTLE — Carl F. Miller & Co.
TORONTO, CANADA — A. S. Paterson

AHCO PRODUCTS

METHYL "CELLOSOLVE"* STEARATE

METHYL "CELLOSOLVE" STEARATE, a synthetic ester, is used as a plasticizer for cellulose derivative, paper coatings and wax finishes. The following data may suggest other uses.

Chemical formula	$C_{17}H_{35}COOCH_2CH_2OCH_3$
Molecular weight	342
Color (platinum cobalt scale)	175
Melting point	22° to 24°C
Flash point	378°F
Acidity	less than .6 mg. KOH per gram ester
Specific gravity	.888 at 25°/25°C
Iodine value	2 max.

Low volatility

* Trade mark of C&CCC

BUTYL STEARATE

BUTYL STEARATE, a synthetic ester, is used as a plasticizer for cellulose and polyvinyl derivatives, also for cosmetics, paper coatings and wax finishes. The following data may suggest other uses.

Chemical formula	$C_{17}H_{35}COOC_4H_9$
Molecular weight	341
Color (platinum cobalt scale)	130
Melting point	19° to 20°C
Flash point	358°F
Acidity	less than .6 mg. KOH per gram ester
Saponication number, 171-179 mg. KOH per gram ester	
Specific gravity	.85-.86 at 20°/20°C
Iodine value	2 max.

Low volatility

ARNOLD-HOFFMAN & CO., INC.
Manufacturing Chemists
PROVIDENCE, R. I.
Established in 1815 • Plants at Dighton, Mass. and Charlotte, N. C.
NEW YORK • BOSTON • PHILADELPHIA • CHARLOTTE

Stearates

ZINC STEARATE
ALUMINUM STEARATE
CALCIUM STEARATE
BARIUM STEARATE
LITHIUM STEARATE
MAGNESIUM STEARATE

For PHARMACEUTICALS, COSMETICS, RUBBER, PAINTS, VARNISHES, LACQUERS, PLASTICS.

For PAINTS, VARNISHES, LACQUERS, LUBRICATING GREASES, INKS.

For PAINTS, VARNISHES, LACQUERS, WATER-PROOFING, SURFACE COATINGS.

Where Uniformity Is An Achievement

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Technical Service Available • Send for Samples and Data

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Imports and PLYMOUTH ORGANIC LABORATORIES, INC., NEW YORK
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DISTRIBUTION POINTS AND AGENTS IN ALL PRINCIPAL CENTERS
DISTRIBUTORS THOMPSON-HAYWARD CHEMICAL CO., KANSAS CITY, MO. AND BRANCHES
MEFFORD CHEMICAL CO., LOS ANGELES, CAL.
D. L. Wolf, PHILADELPHIA, PA.

Protective Coatings Materials

Against the wellnigh insuperable obstacles of short rationing of their metallic lead and linseed oil and the growing pinch in immediately available supplies of all the white pigments and other drying oils, as well as in both natural and synthetic resins, the American manufacturers of paints, varnishes and lacquers and suppliers of constituent materials are continuing to forge ahead with a mounting volume of trade-sales, as the new housing projects and paint-up campaigns get further under way at an accelerated tempo with the advent of mild weather in most parts of the country.

Even in its industrial sales, the protective coatings makers are also making considerable headway in the face of severe limitations placed on the amount and value of new industrial plant constructions, as the demand for new exterior coatings and interior decorations in the older plants increases and as their outturn of durable consumer goods, requiring paint, varnish and lacquer finishes, is stepped up to larger proportions daily, with the ending of most of the work stoppages, due to labor strikes.

However, foremost exponents of the protective coatings industry are now fearful that a further prolongation of the soft coal strike may shut off many, if not most, of these outlets for their trade's finished products and raw materials. And already the deadening effects of this work stoppage in the soft coal mines is resulting in a cautious slowing-down of manufacturing operations in many lines wherein bituminous coal and coke constitute essential fuels for the generation of steam and electrical energy, because of the need for conserving the fast-diminishing stockpiles of these fuels until a speedy termination of this strike looms on the horizon.

Market Trends

Prices Advanced

Butyl acetate, norm. ferm., Ill., Ind. prod., 0.7c. per lb.
Butyl alcohol, norm. ferm., Ill., Ind. prod., 0.8c. per lb.
Ethyl acetate, natural, fermentation, 85-88%, 0.75c. per lb. 90%, 0.25c. per lb.

Prices Reduced

Gum rosin, W.G., 18c.; W.W. and X, 38c. per 100 lbs.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.3	140. 2	140.2	140.2

(For Current Prices see page 9)

Metallic Lead and Zinc

Although the Civilian Production Administration has recently shown a slightly greater degree of liberality in its allocations of metallic lead for the making of tetraethyl fluid, that bureau has found it impossible to make any further concessions to the manufacturers of any other lead chemicals, including the paint pigment makers. The allocations of lead for tetraethyl fluid have been set for May by an amendment to the lead order M-38 at 4,160 tons, instead of being held at 3,500 tons as provided in the original order L-355, issued on April 2.

A prominent authority in the lead industry forecasts that the output of domestic mines and scrap piles will be about 450,000 tons short of meeting the estimated demand of 1,150,000 tons for this year. He further states that the most lead that this country can get from scrap would be around 350,000 tons and he expresses fears that, because of the labor situation, the yield of the American mines may fall below the 1945 total of 387,000 tons. Prices of pig lead have continued unchanged for the week April 26-May 3 at 6.35c. per pound in St. Louis and 6.50c. in New York.

While the Bureau of Mines has reported continued gains for January in inventories of slab zinc at producers' and also at consumers' plants with these inventories reaching a total of 267,277 short tons at the end of that month, as compared with 260,538 tons at the end of the preceeding month, there is still a shortage of prime zinc slabs, despite a plethora of zinc ores. Prices of zinc slabs have remained unaltered for the week April 26-May 3 at 8.25c. in East St. Louis and 8.66c. in New York.

Pigments

White Lead—Because of the short rations of metallic lead on which they have been placed of late, whereby their allotment of pig lead had been held down for the current quarter to 77 percent of their quarterly rate of consumption in the first half of 1944, manufacturers of white lead pigment are being compelled to pare down their own allocations to trade consumers rather heavily.

Zinc Oxide—Bureau of Mines has reported that production of zinc oxide in January rose slightly but was still 7 percent below the 1945 monthly average but that stocks as of January 31 revealed a drop of 6 percent from the high level of 31,096 tons December 31, 1945.

Fillers and Extenders

Mica—Extensive purchases of both wetground and dryground mica scrap continue to be made by the paint industry. Of considerable interest in the field of block mica and splittings, a report from India states that the Enquiry Committee on Mica, appointed by the Indian Government in October, 1944, has proposed the setting up of a marketing control board, consisting of three government and 19 other members connected with the trade, to describe standards and minimum prices and to control exports.

Slate Flour—A seasonally growing demand is noted for crushed slate. The Bureau of Mines has issued a report on the slate industry in 1945, wherein it shows sales of crushed slate for roofing granules, and for flour, used in a variety of products, had increased last year by 16 percent in value, having amounted in all to 482,230 short tons, valued at $3,687,173.

Dry and Chemical Colors

Cadmium Colors—An appalling shortage of cadmium metal is constricting the production of colors made therefrom to a level close to the vanishing point. Manufacturers are having recorse to cadmium scrap, whenever procurable, in their efforts to obtain enough of the metal to meet pressing current requirements.

Driers and Flatteners

Naphthenates—Buying of the metal naphthenates by the paint and varnish makers continues on a sizable scale. Reasonably prompt deliveries of this drier are being made as the manufacturers are still adequately supplied with naphthenic acid and most of the metals outside of lead and copper.

Stearates—Business in these flattening agents holds out well with most producers pretty well booked up and with little unspoken for capacity in their plants.

Lacquer Materials

Butyl Acetate—Mounting costs of raw materials have induced one manufacturer of normal fermentation butyl acetate, with production in Illinois and Indiana, to advance his prices as of May 1 by 0.7 cent per pound, making his revised quotations 20.05c. in tankcars, 21.05c. in drums for carload lots and 21.55c. for less than carlots.

Butyl Alcohol—In recognition of increased costs of the raw materials entering into butyl alcohol, one manufacturer producing it in Illinois and Indiana has marked up his prices for normal fermentation to the extent of 0.8 cent per pound, so that his revised quotations, as of May 1, read 22.1c. in tankcars, 23.1c. in drums for carlots and 23.6c. for less than carlots.

Ethyl Acetate—Leading manufacturers of natural fermentation of ethyl acetate have advanced their prices for this material by three-quarters of a cent per pound, making their revised quotations, as of May 1, 11¾c. for 85-88 percent, in tankcars, but, while one of these producers is now quoting the 95-98 percent type at 12.35c. and the 99 percent type at

For Late Market Developments, See Page 4

control

Use Imperial Controlled Colors to reduce I.C.* All Imperial Colors are laboratory controlled colors.

IMPERIAL PAPER AND COLOR CORPORATION
PIGMENT COLOR DIVISION
Glens Falls, New York
The largest manufacturers of chemical pigment colors in America

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INTANGIBLE COSTS
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Branch offices and warehouses: Boston • New York • Philadelphia Cleveland • Detroit • Cincinnati • Pittsburgh • Seattle • Chicago St. Louis • San Francisco • Baltimore • Dallas • Los Angeles • Louisville

OPD—5-6-1946 67

NEVILLAC 10° *Plasticizer*

SPECIFICATIONS AND PROPERTIES

Specific Gravity at 15.6/15.6°C.	1.075 to 1.10
Weight per gallon (average)	9.15 pounds at 15.6°C
Distillation Range	Essentially between 300°C and 370°C
Refractive Index at 25°C.	1.597
Flash Point	Not below 290°F. No red label required
Color	Light amber ★
Iodine Number (average)	44
Acid Number	Less than 5
Saponification Number	Less than 5
Molecular Weight (average)	240
Appearance	Honey-like oil, very viscous
Odor	Phenolic
Corrosion (Copper Strip)	No darkening, but very slight solvent action on copper
Viscosity, absolute at 25°C.	235 poises

★ Color of Nevillac 10° has been improved and is much lighter than offered over last few years.

NEVILLE

Nevillac 10° Resin, also known as PHO, is a most versatile material with respect to solubility and compatibility. This material is soluble in all commonly used solvents, except water and glycerol. It is soluble in ethylene glycol.

It is compatible with most synthetic resins including cellulose esters and ethers (nitrocellulose, ethylcellulose, cellulose acetate, etc.), vinyl acetate, vinyl butyral, zein, nylon, and partly compatible with vinyl acetate and chloride copolymer.

Due to the fact that Nevillac 10° is a hydrindylphenol derivative, it possesses many of the chemical characteristics and much of the solvent power of hydroxy-type solvents such as phenols, and aromatic hydrocarbon type solvents such as benzol or toluol. For this reason, it is capable of acting as a mutual solubilizing agent for resins, oils, cellulose derivatives, and the like, which are normally incompatible.

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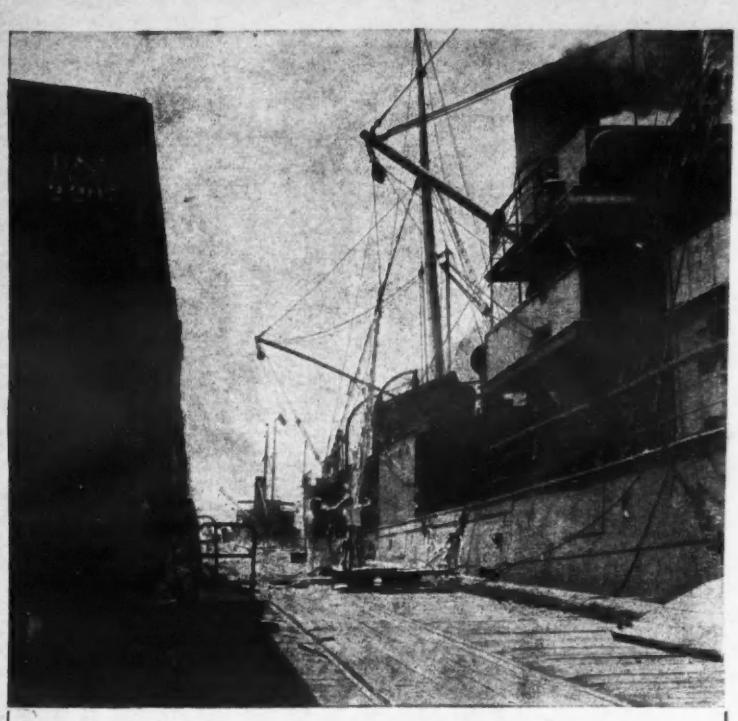

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Industrialists located in Pensacola are served by two railroads with terminal facilities, a sheltered barge-canal from the Mexican border to New Jersey, a magnificent harbor with a 52-hour "turn-around" service to Havana and trunk highway access to southern and midwestern markets.

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INDUSTRIAL DEVELOPMENT DIVISION . . .
MUNICIPAL ADVERTISING BOARD
PENSACOLA Florida

12.45c. in tankcars, another of them is offering the 99 percent type at 12c. in tankcars. Makers of the synthetic materials, however, continue to quote well below these figures for natural fermentation at 8½c. for the 85-90 percent type and 8¾c. for the 90-99 percent grade.

Naval Stores

Rosin—With the demand for both gum and wood rosins from domestic consumers limited by lack of many of the other raw materials entering into the products of the leading consuming industries in the U.S.A., the export call for these rosins has constituted the only enlivening feature of the market for these oleoresinous commodities. And their movement out of the country has been held back by prolonged delays in the issuance of export licenses on the quota of 100,000 drums granted by the Civilian Production Administration for the three-month period, April 1 through June 30, due in large measure to the failure of applicants for these licenses to furnish to that bureau all the information required under comprehensive export schedule No. 20, issued April 1 by the Office of International Trade, which has resulted in the return of many applications deficient in this respect.

In an effort to make the lighter grades of gum rosin more attractive to consumers by reducing the price differentials between these and the darker grades, beginning with N and running down to B, several operators have lowered their bids on and have actually procured small lots of Windowglass at $7.05 per 100 pounds, or 18 cents below the ceiling level established by OPA, while also buying and selling equally small lots of Waterwhite, at first at $7.30 and later at $7.12 per 100 pounds, or 38 cents under the ceilings, on the Savannah Cotton anad Naval Stores Exchange within the past week. Until this voluntary cutting of prices for, WG, WW and X became a fait accompli, plans were being laid to induce the Office of Price Administration to lower the ceilings on these grades so as to make the differentials between these and the other grades less pronounced. Meanwhile, new crop gum, while moving steadily to the stills and thence into the open market in the form of finished gum rosin, has not yet reached the large proportions which are expected to be attained as the season progresses.

Meanwhile, producers of wood rosin are making strenuous efforts to have price ceilings on their products elevated materially and the gum naval stores industry is co-operating with them toward that end.

Savannah, May 3.—Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$6.00	$6.00	$6.00	$6.00	$6.00
D	6.07	6.07	6.07	6.07	6.07
E	6.60	6.60	6.60	6.60	6.60
F	6.70	6.70	6.70	6.70	6.70
G	6.74	6.74	6.74	6.74	6.74
H	6.76	6.76	6.76	6.76	6.76
I	6.76	6.76	6.76	6.76	6.76
K	6.80	6.80	6.80	6.80	6.80
M	6.82	6.82	6.82	6.82	6.82
N	6.98	6.98	6.98	6.98	6.98
WG	7.05	7.05	7.05	7.05	7.05
WW	7.20	7.20	7.12	7.12	7.12
X	7.20	7.20	7.12	7.12	7.12
	Drums				
Sales	258	...	188	...	51
Receipts	72	145	72	325	61
Shipments	100	...	116	46	...
Stocks	7,218	7,363	7,319	7,598	7,659

Turpentine—While the demand for gum turpentine keeps mounting on both domestic and export account, it has become difficult to procure carload lots of the spirits, because of the exhaustion of government-owned stocks and the slowness with which the new crop turpentine is reaching the market. However, some sizable aggregate of relatively small lots of the spirits is being acquired by dealers who generally report a fairly keen call for it in connection with the steadily increasing amount of exterior painting on both old and new buildings which is now making seasonal headway at a fairly rapid pace.

Savannah, May 3.—Following is a record of the market for the week:—

	Bulk gallons—Cents	Sales.	Barrels—Receipts.	Shipments.	On hand.
Monday	83½	250	111	134	1,713
Tuesday	83½	...	...	...	1,713
Wednesday	83½	250	184	147	1,750
Thursday	83½	...	25	6	1,769
Friday	83½	50	37	...	1,806

Synthetic Resins

Polystyrene—A steadily increasing movement is noted in this material. Latest report of the Census Bureau and Commerce Department shows shipments and consumption for February to have amounted to 3,007,122 pounds, against 2,727,570 pounds for January.

A list of synthetic resins, with their current quotations, appears in this issue of OPD, beginning on page 30.

Varnish Gums

Copal—Except for the belated arrival in New York of a cargo of 4,410 bags of old crop Congo copal from the Belgian Congo, purchased there

Speed Production with C LIMEOLITH

- An exceptionally easy and quick grinding pigment.
- Aids dispersion of other pigment.
- Saves wear on grinding mills and speeds production.
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Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
Pyrotone Red Toners
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STANDARD ULTRAMARINE CO
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Shawnee DRY COLORS
"Color Content Guaranteed"

Chrome Greens
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Zinc Chromate
Toluidine Reds
Para Reds
Iron Blues
Cadmium Colors
Lake Colors
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Metal Powders

ZINC OXIDE

AMERICAN AND FRENCH PROCESS

FOR ALL PHARMACEUTICAL, COSMETIC AND INDUSTRIAL PURPOSES

ZINC CARBONATE — ZINC STEARATE

ZINC SULPHATE

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NICKEL SULPHATE

NICKEL FORMATE • NICKEL OXIDE

COPPER SULPHATE • COPPER CARBONATE

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AND PASTE, ALL GRADES

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PALE WOOD ROSINS

(All grades from I to X)

LIMED WOOD ROSINS

RESINOUS CORE BINDER

STEAM DISTILLED WOOD TURPENTINE

CROSBY CHEMICALS, INC.

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OPD—5-6-1946 69

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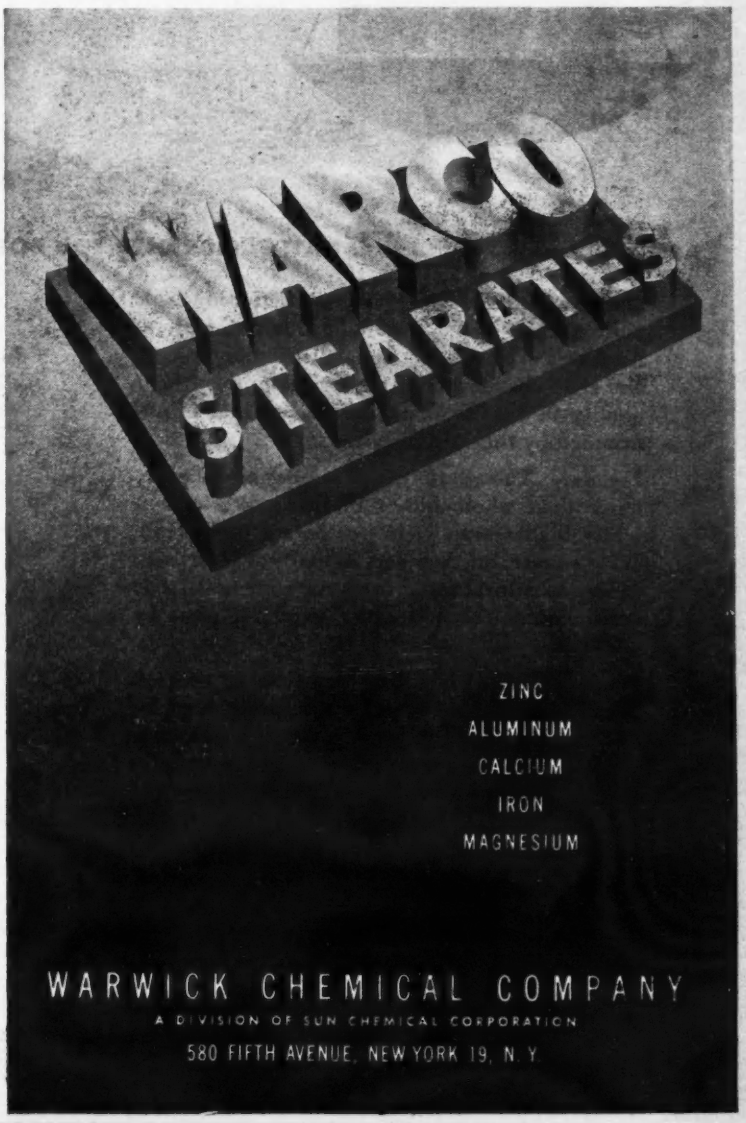

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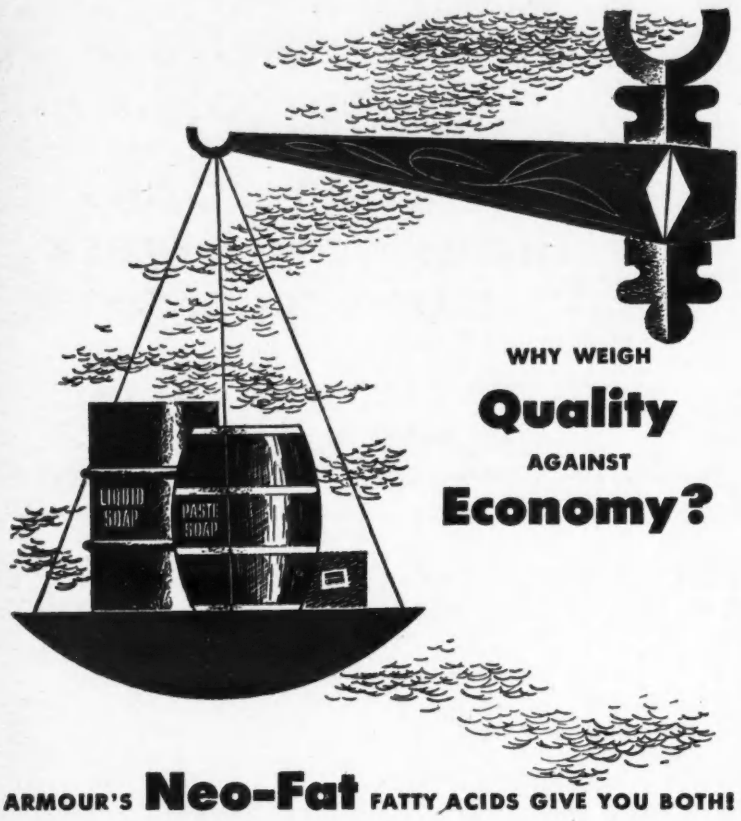

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Quality...The Neo-Fats give you a better-finished, more neutral soap . . . saponification is complete. Armour's exclusive fractional distillation process and rigid chemical controls assure uniform high quality in the Neo-Fats . . . quality that is unmatched by the natural fats.

Economy...Though the Neo-Fats may cost slightly more than whole oils, they give you a consistently higher soap yield per pound of fat base. What's more, the Neo-Fats saponify at least twice as fast as natural fats . . . you cut your unit labor costs, equipment and other overhead costs by one-half.

Plus . . . Ease of handling and ease of control. These factors alone have led to a preference for the Neo-Fats by soap production men who have worked with both whole fats and Neo-Fats. In addition, the variety of Neo-Fats permits a wider choice of raw materials for specialty items . . . makes possible entirely new types of products.

Upon request, we'll gladly mail you our booklet on the operating economies and quality products made possible by the Neo-Fats.

ARMOUR *Chemical* DIVISION
Armour and Company
1355 WEST 31ST STREET • CHICAGO 9, ILLINOIS

Assistant Sales Head

Arthur A. Rauchfuss has been named assistant sales manager of the Calco chemical division of the American Cyanamid Company, Bound Brook, N. J., in charge of sales of dyestuffs and intermediates to dry color manufacturers.

several months ago, there has been no development within the past week to replenish the greatly depleted stocks of this gum in the U. S. or to re-establish a market in which firm offers can be made of newly gathered material landed here after being bought by the importers in the primary market in the relatively small quantities permitted to go out of the Congo under its strictly enforced export quotas at greatly varying prices.

Shellac—Although the new Bysaikhi crop of shellac is beginning to pile up in the customary shipping points in India, operators in that primary market continue obdurate in their refusal to offer their holdings of this crop to American importers at the ceilings imposed by the Indian government.

Glues and Binders

Casein—Amid complaints that the newly named ceiling prices for casein are not sufficiently high to furnish a strong incentive for swelling their output of this material from dried skim milk, unless a subsidy is granted on cream as well as on butterfats, domestic dairies are still loath to divert much of their dried skim milk into a conversion to casein. A subsidy of 5c. per pound has already been granted on butterfats as of May 1 and another one, also of 5c., is to be given as of July 1. But no subsidy has yet been afforded for cream and domestic producers for the most part are remaining inert insofar as amplifying their yield of casein is concerned. Furthermore, they contend that, although the ceiling prices for ground and processed casein have been marked up from a 24c. to a 33c. per pound basis, the price which they, as producers, are obtaining for dry unground casein is only 30c.

Paint Production Clubs News

Carl L. Engelhardt, of the Brooklyn Varnish Manufacturing Company, was elected president of the New York Paint and Varnish Production Club at a meeting held last week in the Building Trades Employers building. William J. Greco, of Socony paint products division of Socony-Vacuum Oil Company, was elected vice-president; Charles A. Malizia, New Jersey Paint Company, secretary, and S. R. Mountsier, jr., International Corporation's finishes division, treasurer.

The club will hold its early Summer outing at the Jumping Brook Country Club, near Neptune, N. J., June 8.

Philadelphia

A survey conducted by the Labor Relations Institute among leading manufacturers of the nation, on the question "What Is Your Most Serious Problem Today and What Steps Are You Taking to Overcome This Problem," was discussed by Frank Crow, of the Institute, at the meeting of the Philadelphia Club.

Mr. Crow reported that seventy-one percent of the employers stated their big problem was how to cut production costs and do business under OPA with increased labor costs; fifty-eight percent of the employers felt the answer to this problem lay in pay incentives.

Other speakers were V. C. Bidlack, of the McCloskey Varnish Company, who spoke on "Production Methods and Material Handling"; William B. Sanford, Elgin Manufacturing Company, "Paint Filling Equipment," and Harry Miller, Bert Machine Company, "Labelling Equipment."

Baltimore

Stanley Levy, of the White Company, paint manufacturer, has been nominated for president of the Baltimore club. Other officers nominated are Howard W. Cantwell, Crown Cork & Seal Company, vice-president; Howard Scholl, C. M. Athey Paint Company, secretary, and Richard Ker, H. B. Davis Paint Company, treasurer.

Louisville

Dr. J. B. Calloway, of the color research laboratory of E. I. duPont de Nemours & Co., Wilmington, Del., who spoke on "Trends in Pigment Colors for Industrial Finishes," was the guest speaker at the meeting of the Louisville club. Dr. Calloway defined the ideal pigment and then illustrated by graphs and panels of vari-colored pigments, the trend for the past ten years.

Cabot Names Simonds Assistant Sales Head

Godfrey L. Cabot, Inc., carbon black manufacturer, Boston, has appointed Donald Simonds assistant general sales manager. Mr. Simonds was assistant manager of the special products division prior to his enlistment in the Navy.

Monsanto Names Craver Plastics Coordinator

J. Kenneth Craver, of the Monsanto Chemical Company's research staff at the home office in St. Louis, has been appointed coordinator of plasticizers and resins for the company's organic chemicals division. Mr. Craver, who has specialized in research work in plastics, plasticizers and catalytic hydrogenations at Monsanto since 1938, will work as a group leader in the company's divisional development department, coordinating operations of the research, production and sales departments involving plasticizers and resins.

IRON BLUES
Prussian—Chinese—Milori
Bronze—Toning—Potash
CHROME GREENS
All Shades—Strengths
UTILITY GREENS
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Specialization assures Superior Quality
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Obituaries

—Continued from page 4

importer and exporter, New York, died at Floral Park, L. I., April 25. He was sixty-five years old. Mr. Wrede had been in the crude drug business for forty years and founded his own firm in 1926.

John Andring, a field supervisor for the Gulf Oil Company in New York and Connecticut, died at Scarsdale, N. Y., April 27. He was fifty-two years old.

George S. Brusk, manager of the Shell Oil Company's asphalt department, Boston, until his retirement in 1944, died at Essex Junction, Vt., April 23. He was sixty-two years old.

George B. Cloran, sales promotion and advertising manager for National Starch Products, Inc., New York, died at Bronxville, N. Y., April 28. He was thirty-eight years old.

Dr. Fred M. Meader, bacteriologist, who formerly was medical director for the Detroit Department of Health and a member of the New York State Health Department staff, died in Detroit, April 26. He was seventy years old.

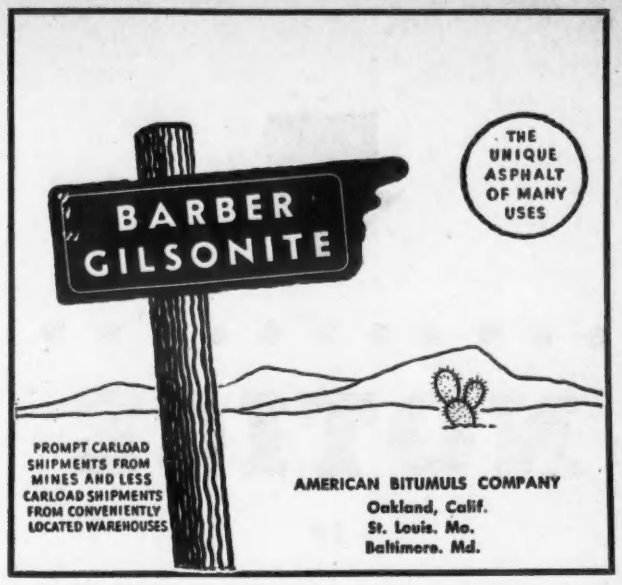
Harry C. Conklin, plant superintendent for Dozier & Gay Paint Company, Jacksonville, Fla., for the past twenty-one years, died recently in that city. He was fifty-three years old.

Warner T. Robling, since 1945 general production manager for the Borden Company, which he had served for seventeen years, died in Greenwich, Conn., hospital, April 29. He was forty-eight years old.

Gratton T. Stanford, since 1916 general counsel for the Sinclair Oil Corporation, New York, died April 28. He was sixty-four years old.

S. Wylie Walker, retired office manager and assistant secretary of Merck & Co., pharmaceutical manufacturer, Rahway, N. J., died in Philadelphia, April 29.

Martin A. White, director of information and assistant to the chairman of the Federal Trade Commission, died in Washington, April 30. He was seventy years old.



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Beacon Co. Offers New Palm Fatty Acid

The Beacon Company, chemical manufacturer, Boston, is offering a new, synthetic palm fatty acid called 'Palmalene.' It has a saponification number of 180-185, iodine value of 55-60 and titre of 30, according to the company.

Themal Gets War Dept. Appreciation Certificate

L. L. Themal, exporter of chemicals and pharmaceuticals, Forest Hills, L. I., has received a War Department certificate of appreciation for "invaluable services rendered the War Department while serving in a consultant capacity."

Oil Specialties Co. Names Vlacos Laboratory Head

Perry G. Vlacos, formerly chief chemist for W. S. Purdy & Co., has been appointed laboratory director for the Oil Specialties & Refining Company, Brooklyn, N. Y.

Luzzato in Europe

Gustavo Luzzato, of the Distributing & Trading Company, importers and refiners of raw waxes, New York, is in Europe visiting the firm's affiliates in Belgium, France, England, Switzerland and the Scandinavian countries.

Corn Products Refining Company, New York, has elected to the board of directors Fred Mueller, vice-president and general sales manager.

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Oils, Fats, and Waxes

Supplies of available oils and fats have been steadily dwindling with the result that trading during the past week was reported at the lowest level for some time past. In fact, it was pointed out that the supply situation was tighter than during the war period, when supply conditions were considered at their lowest possible levels. Consuming demand for oils and fats continued urgent, with business restricted to small quantities and far below requirements.

A bright spot in the picture was visible in the establishment of new quotas for the slaughtering of cattle and hogs announced by Department of Agriculture and OPA a week ago which was expected to increase their movement to established slaughterers, thereby increasing the production of greases and tallow.

President Truman signed two bills April 30, which allowed all Philippine products duty free entry into the United States on an annual quota basis until July 3, 1954. After that they will be subject, with certain exceptions, to graduated duties. The coconut oil quota is 200,000 long tons annually beginning with the calendar year 1946.

Cottonseed Oil

Activity in this market was restricted to deliveries against former contracts. With production sold up and practically ended for the season, little surplus oil was available. Sales of occasional tankcars at ceilings were reported during the week.

Bleachable oil prices follow:—

	Cents per pound in tanks— High.	Low.	Close.
May	....	....	14.31 bid
July	....	....	14.31 bid
September	....	....	14.31 bid
October	....	....	14.31 bid
December	....	....	14.31 bid
March	....	....	14.31 bid

Total sales, none.
Cash, 14.31c. nom.
Crude, Southeast, 12¾c.; Valley, 12¾c.; Texas, 12½c., f.o.b. works (all ceiling prices).

Memphis, May 2.—Cotton crop doing nicely, coming up in good stand. Demand for cottonseed oil and meal urgent, with trading light and scattered.

Linseed Oil

An active request against former contracts have steadily reduced supplies of oil. Production in this area continued light owing to the scarcity of seed. Demand for oil continued urgent, with producers unable to accept orders, except subject to delay in delivery. Advices from Uruguay stated that six steamers were being loaded with about 28,000 tons of seed for prompt shipment to the United States.

Latest estimates place the total world flaxseed production in 1945 at 136,200,000 bushels, an increase of 19 percent over the 1944 revised estimate, according to the Department of Agriculture.

Minneapolis, May 1—Demand continued brisk with crushers offering little or nothing for sale unless they could back up the offer with fresh flaxseed purchases.

Shipments of linseed oil, in pounds, were as follows:—

	1945-46	1944-45
This week	6,180,000	3,420,000
Since Sept. 1	223,740,000	181,610,000

Los Angeles, May 1.—Tight supplies continue to limit trading. Oil for delivery against contract also scarce. Market unchanged at 14.5c. per pound, tankcars, and 14.9c. drum, carlots.

Flaxseed—This market was firm, but quiet. Offerings of seed continued scanty.

Minneapolis, May 1.—Cash flax arrivals at Minneapolis for the week were only fair and crushers continued to lean heavily on elevator stocks to round out their crushing needs. Flax stocks in local public elevators decreased 246,135 bushels to 1,690,670 bushels.

	Receipts 1945-46	1944-45	Shipments 1945-46	1944-45
This week	70,500	117,000	41,000	51,000
Since Sept. 1	19,717,000	9,610,000	4,042,500	1,746,000

Flaxseed in Minneapolis during the week was unchanged at $3.10 (ceiling) per bushel for spot and for forward deliveries.

Buenos Aires, May 3.—Flaxseed shipments totaled 270,000 bushels to the United States during the past week. Visible seed supply was increased to 3,150,000 bushels.

Hull, May 3.—Bombay, £46½, April; Calcutta, £37, April; La Plata not quoted.

Market Trends

Prices Advanced

Beeswax, crude, African, 1c. to 2c. per lb.
crude, West. Hemp., 2c. per lb.
Candelilla wax, 1c. per lb.
Carnauba wax, No. 3, chalky, 15c. per lb.
No. 2, N. C., 5c. per lb.
No. 3, N. C., 5c. per lb.
Yellow, No. 1 and 2, 5c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
193.5	193.5	193.5	193.3

(*For Current Prices see page 9*)

Other Vegetable Oils

Castor, Dehydrated—Scarcity of oil continued to restrict business. Demand was active, but was unsatisfied. Prices were firm at ceilings.

Coconut—Crude and refined oil was available at the ceilings, but trading was quiet because of the inability of consumers to absorb larger quantities of supplies than were permitted by quotas. Two bills were signed by President Truman, April 30, permitting the annual importation of 200,000 long tons of Philippine coconut oil into the United States, duty-free, beginning with the year 1946 to July 3, 1954.

Oiticica—Supplies on the spot were scarce and offerings for shipment from Brazil were reported nil during the week. Buying interest continued active, with business quiet. Arrivals totaled 4,310 drums at New York during the week and were consigned against previous contracts.

Olive—OPA announced April 29, that the import ceilings would not apply to olive oil imported into the free trade zone up to May 15, if the oil was to be transhipped to foreign destinations. This action was taken to aid importers who have contracted to pay prices above the ceiling and for the transhipment of the oil abroad. After that date, unless further action is taken by OPA, import ceilings will again apply to such transactions.

Soybean—Supply situation continued tight, and though demand was urgent, trading was confined to occasional tankcars at ceilings. Under amendment 7 to WFO 9 which extends the regulations now in effect to the forthcoming crop, no soybean processor or seed dealer shall purchase 1946-crop soybeans in any quantity which will cause his inventory to exceed his manufacturing, processing or seed sales requirements for the period ending October 10, 1947, it was announced by the Department of Agriculture.

Tung—Reports from China stated that the market there was still above ceilings, which precluded trading for shipment to the United States. However, offerings of oil in bulk were slightly freer with prices closer to U. S. ceilings than for some time past.

Fats and Greases

Greases—No improvement as yet was noted in the production, but producers were more optimistic because of the new quotas which were expected to boost the movement of hogs to established slaughterers, thereby increasing the output. Trading was slow. Demand was urgent.

Lard—Trading was moderate, owing to scarcity of supplies. Lard stocks in chicago were lower and totaled 8,201,078 pounds April 30, compared with 12,474,915 pounds April 1, and 3,605,055 pounds, April 30, last year.

Tallow—Scarcity of supplies continued to affect business. Production was still scanty, but was expected to improve under the new quotas announced by Department of Agriculture and OPA, whereby slaughterers will be permitted to butcher as many beeves and calves each month as they did during the same time in 1944.

Fatty Acids

Red Oil—Active call noted for delivery against former orders. Production was sold up, with makers unable to accept new business.

Stearic Acid—Trading continued re-

For Late Market Developments, See Page 4

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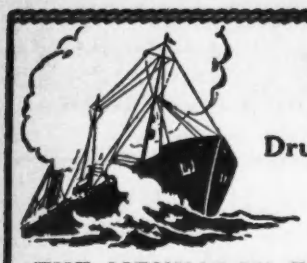
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Margarin Output Smaller

Margarin production during February was smaller than in January, according to statistics compiled by the Bureau of Internal Revenue.

	Pounds—February 1946	1945
Production of uncolored oleomargarin	*43,203,218	†47,772,532
Withdrawn tax-paid	41,819,182	48,491,204
Used in Uncolored Margarin		
Butter cultcre	78	31
Butter flavor	383	381
Citric acid	205	188
Corn oil	626,888	879,384
Cottonseed oil	17,394,990	22,949,725
Derivative of glycerin	83,245	92,374
Diacetyl	93	74
Estearin	10,528	7,318
Lecithin	51,216	58,531
Milk	7,315,508	8,410,107
Monostearin	30,934	33,548
Neutral lard	222,855	590,526
Oleo oil	248,747	695,037
Oleo stearin	195,065	216,482
Oleo stock	27,674	63,057
Peanut oil	1,966,021	1,056,283
Salt	1,341,193	1,477,582
Soda, benzoate of	28,548	29,382
Soybean oil	14,455,633	12,411,151
Soybean stearin	.....	1,512
Soyflakes	.....	366
Tallow	1,800	.....
Vitamin concentrate	8,006	10,273
Total	44,009,610	48,983,312
Production of colored oleomargarin	‡2,299,355	3,979,779
Withdrawn tax-paid	1,816,700	2,556,871
Used in Colored Margarin		
Butter flavor	22	21
Color	1,871	4,967
Corn oil	1,787	8,007
Cottonseed flakes	950	.....
Cottonseed oil	638,760	1,498,576
Derivative of glycerin	3,404	4,348
Diacetyl	1	16
Estearin	385	235
Lecithin	1,546	2,679
Milk	379,615	660,292
Monostearin	784	1,992
Neutral lard	25,331	104,065
Oleo oil	15,066	92,800
Oleo stearin	.....	209
Oleo stock	.....	21,750
Peanut oil	26,032	7,303
Salt	72,908	181,231
Soda, benzoate of	862	1,542
Soybean oil	1,149,965	1,471,311
Soybean stearin	850	.....
Soyflakes	.....	2,880
Vitamin concentrate	326	615
Total	2,320,465	4,014,139

* Of the amount produced, 665 pounds were reworked.
† Of the amount produced, 3,349 pounds were reworked.
‡ Of the amount produced, 33 pounds were reworked.

stricted because of the scarcity of supplies. Producers confined sales to regular customers.

Cake and Meal

Cottonseed Meal—Trading was limited to bartering operations. Production was sold up and was at low ebb.

Linseed Meal—Demand was urgent for all positions. Crushers allocated production to regular buyers.

Minneapolis, May 1.—Demand continued far in excess of supplies and crushers were operating on an informal rationing arrangement that took into consideration previous buying of firms inquiring for meal.

Shipments of linseed meal, in pounds, were as follows:—

	1945-46	1944-45
This week	7,680,000	7,320,000
Since Sept. 1	311,380,000	250,260,000

Waxes

Beeswax—Trading was quite active, especially in African crude for spot and nearby delivery. Inquiry for South American grades was keen, but business was restricted owing to the scarcity of supplies, and prices were advanced to 57c. to 59c. per pound on spot. African crude also was higher at 50c. to 51c. on spot.

Candelilla — Higher replacement costs for shipment from Mexico of 5c. per pound, were reflected in the spot situation and small supplies here were firmer at 76c. to 78c. per pound for crude and 80c. per pound for refined.

Carnauba — Heavy demand continued to boost prices of crude and refined grades. Active call for No. 3, chalky and small stocks boosted price sharply to $1.65 to $1.70 per pound on the spot. Other grades also were advanced about 5c. per pound. Offerings for shipment were scarce and asking prices were further increased. N. C. No. 3 was reported sold for immediate shipment at $1.60 per pound. f.o.b. Brazil and $1.65 to $1.70 was asked. New crop was held at $1.60 per pound, f.o.b. Brazil for December-January shipment.

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4—Allis Chalmers Tube Mills, 5' x 22'.
2—Kent Three Roll Mills; 10"x40", arr. for pulley drive.
1—Houchin-Aiken Three Roll Mill; 20" x 48", arr. for P.D.
2—Buhler Three Roll Water Cooled Mills; 16" x 40", V Belt Driven.
1—Lehman Five Roll Water Cooled Mills; 48", Belt Driven.
1—Raymond "OO" Mill with Dust Collector and accessories.
1—Bauer Double Runner, 30" Attrition Mill; P.D.
1—Studevant No. "0" Hammer Mill with 10 H.P. Motor.
1—Black & Clawson Double Drum Dryer, 28" x 60", with accessories.
3—Double Drum Atmospheric Dryers, 27½" x 63".
1—Devine Double Bronze Drum Dryer, 3' x 9', with 25 H.P. motor.
1—Buffalo Double Drum Dryer, 32" x 72".
1—Buffalo Single Drum chrome plated Dryer, 5' x 6', with auxiliaries.
2—Vacuum Drum Dryers, 48" x 40" (1 iron, other bronze, chromed).
1—Buffalo Vacuum Drum Dryer, 5' x 20'.
1—Rotary Vacuum Dryer, 3' x 18', with auxiliaries.
2—Galland & Henning Steam Tube Dryers, 6' x 30'.
1—Ruggles-Coles Rotary Dryer, 4' x 20', with auxiliaries.
2—Louisville 36" Continuous Filters.
1—Industrial All Iron Rotary Filter; drum 6' x 3'.
1—Shriver 18" x 18" Wood Plate & Frame Filter Press.
1—Standard Automatic 50 ton Plastic Molding Press with accessories.
1—Farquahr 100 ton Extrusion Press, 10" x 38½"; stroke 40".
1—Southwark 500 ton Curb Press; 40" bed, 18" ram.
1—Bethlehem 2,000 ton Hydraulic Press; 8 heated plates, 5'6" x 8'9".
1—Wood 7,500 Ton Hydraulic Press; 54" cylinder; 30" stroke, daylight 54".
1—Allen 4" Plastic Extruder; arr. for V belt drive.
5—Jacketed Autoclaves or Pressure Vessels; 4' x 6'.
4—Ft. Wayne Sterilizers; 72 case capacity.
1—Johnson Aut. Auger Type Powder Filler; arr. for M.D.
1—Package Machine Co. Model AA Wrapper for Small Packages; adjustable.

Large List of Pumps of every type—Vacuum, Rotary, Centrifugal, Steam, etc.

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1—8" Mikro Pulverizer.
1—Simpson No. 1 Intensive Mixer, 4' dia. Pan.
1—Patterson 36" dia. Dry Pan, double muller.
4—18" & 22" Robinson & Bauer motor driven Attrition Mills.

5—DRY POWDER MIXERS, various sizes. To 3000 lbs.
4—OLIVER FILTERS, 8'x8', 8'x12'.
8—RUBBER LINED Rectangular Tanks; 7—500-gal.; 1—150 gal.

DRYERS
1—Devine VACUUM SHELF DRYER, 14 shelves, 40x42.
3—B. & C. 28" Dia. x 60" face Atmospheric DOUBLE DRUM DRYERS complete.
1—32"x72" BUFLOVAK ATMOSPHERIC DOUBLE DRUM DRYER, m.d.
9—Direct heat ROTARY DRYERS, 4'x30', 5'x30', 70"x30", 6'x60'.
1—ROTARY KILN, 6'x60'.
6—ROTARY VACUUM DRYERS; 1—Devine 5'x30'; 3—Devine 4'x25'; 1—Devine 4'x30'; 1—Struthers Wells 30"x12'.
1—36"x72" Atmos. DOUBLE DRUM DRYER, complete.

1—ABBE BLUTERGESS SIFTER No. 2.
23—Centrifugal Extractors.
5—World or Ermold, Burt & Knapp Labelers.
7—Copper steam Jack. Kettles, up to 500 gal. cap.
2—Allberger 1200' Copper Tube CONDENSERS.
1—Sperry 42x42 Recessed C.I. FILTER PRESS; other sizes.
7—Copper & Alum. Vac. Pans, up to 500 gal. cap.

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1—20-ton capacity Link Belt, std. gauge, LOCOMOTIVE CRANE, double drums, 40' boom, completely rebuilt in N.Y.C. R.R. shops.

NEW ALUMINUM TANKS UNUSED
21—250 gal. closed horizontal Aluminum Storage TANKS, oval-shaped, approx. 46" and 28" by 61" long, 18" round. Manhole in top, ¾" plate.

4—100 gal. underdriven LEAD MIXERS, in battery with drive and motor.

4—84" dia. RECTIFYING COLUMNS: 1—all copper, 15' high, 15 plates; 2—all copper 23' 6" high, 28 plates.
15—54", 48", 42", 40", 30" and 24" copper COLUMNS.
With above: Still Pots, Piping, Condensers, Pre-heaters, Calandrias, complete Foxboro Instrument Panel, etc.

2—60 gal. Alum. S. J. KETTLES.
1—80 gal. Alum. S. J. KETTLE.
1—STANDARD KNAPP AUTO T. & B. GLUER—18' compression belt.
2—AMER. DUPLEX AUGER FILLER-WEIGHERS, 1 to 5 lbs.

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PEBBLE MILLS, various sizes.
1—24"x24", Jeffrey single ROLL CRUSHER.
6—RAYMOND PULVERIZERS; 4-Roll Low Side; No. 0. No. 0000.
1—8'x30" Hardinge Conical Silex Lined PEBBLE MILL, also 6'x36".
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1—Size "B" Erie City COAL PULVERIZER, with 40 P 3/60/220-440 V. Motor. Rated 2000 lbs. per hour.

4—28"x48" Sifters, 8, 4, 3 and 2 decks.
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1—12"x15' long Rotary Kiln, complete.
1—12"x18" Dings Magnetic Separator.
1—3'x8' iron-lined Rod Mill.
1—No. 0 Raymond Pulverizer with air classifier, collectors, exhauster, motors, etc.
1—6 cyl. Kritzer Lime Hydrator.
4—3'x6' double-deck Sturtevant Moto-Vibro Screens, all steel encased.
2—Hardinge silex-lined Pebble Mills, 6'x36 & 8'x30".
2—6'x28' Rotary Steam Tube Dryers.
1—6'x33' Louisville Direct Heat single shell Rotary Dryer.

10—Morgan & Doig NAILING MACHINES, all sizes.

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Stainless Steel Tanks—new—100 and 200 gal., dished bottoms with stands.
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Steam Jacketed Kettle, 9' dia. x 5' deep, with agitator (new).
Copper tank with agitator and coil, 66" dia. x 7' high.
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1—18 spout Karl Kiefer Rotary Filler.
Stainless Steel Vert. Tank, 7' dia. x 10', No. 430 Chrome.
Colton Capsule Machine with Dies.
Electric Immersion Heaters, Stainless Steel, 115 V., 550 Watt (new), $15.00 each.
6—De Laval Imo Pumps, 2" suc., 2" disch. (new).
Stainless Steel Pumps (new) with G.E. Explosion-proof Motors.
2—LeCourtney Pumps, 2,250 GPM, with 50 H.P. Motors & Starters, like new.
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1—High Chrome Iron Tank, 6'x30', ¼" plate.
3—Farrel 2-Roll Rubber Mills, 18"x48".
3—Thropp 2-Roll Rubber Mills, 18"x30".
10—Sharples Super Pressurite Centrifuges, 3 HP Motors.
5—Sweetland Filter Presses, No. 5, No. 7, No. 10, No. 12.
2—Vallez No. 4 Rotary Filter Presses.
1—Buffalo Vacuum Shelf Dryer, 15 Shelves, Condenser, Vacuum Pump with Motor.

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SPECIALS!

2—Buflovak Vacuum Shelf Dryers, with 20—42"x42" shelves.

3—Colton Class 9-18, 20 Punch Rotary Performing Presses, 2" die.

5—Stokes "R" Single Punch Performing Presses, 2½" die.

10—Colton and Stokes Single Punch Performing Presses, up to ¾".

1—A. T. & M. 48" Centrifugal, suspended type, bottom discharge, motor driven.

1—Readco 100-gal. Jacketed Heavy Duty Double Arm Mixer.
1—Fitzpatrick Model "D" Comminuting Machine.
1—Sehutz O'Neill 16" Ball Bearing, Style D Limited Mill.
1—Colton No. 2 Combination Tube Filler and Closer.
1—Abbe No. 1 Blutergess Sifter.
1—New Era 100 gal. Double Arm Jacketed Mixer, motor driven.
1—Filler Machine Co. 4 spout Filler.
1—5' dia. Copper Jacketed Pan, agitated.
1—Lab. Vallez Filter.
2—Zaremba All-Copper Evaporators, 500 sq. ft. each effect.
1—Sperry 24" x 24" Filter Press, closed delivery, 15 Rubber-Covered Plates and Frames.
1—American 6' 2 Disc Rotary Continuous Filter.
6—Oliver 8' x 6' Rotary Hopper Dewaters. NEW.
1—Oliver Filter, 5' x 8'.
3—Rotary Vacuum Dryers, 4' x 10', 4' x 15', 5' x 33'.
2—6' x 27'6" Rotary Steam Tube Dryers.
2—American 16" x 40" 3 Roller Mills, water cooled, motor driven.
4—Stokes Rotary B and BB Tablet Machines.
7—Stokes, Colton, Mulford Single Punch Tablet Machines, 3B, 3D and "T" and "R".
3—Tyler Hummer Screens, 3' x 5', 4' x 5'.
2—Hardinge Ball Mills, 2' x 8", 4½' x 24".
7—Pebble Mills, 50, 100 gal.
1—Hurrell Colloid Mill, motor driven, 20 h.p. motor.
5—Copper Vacuum Pans, 30", 42", 48", 5' and 6' dia.
5—1,200-lb. Brand New Powder Mixers.
2—3,000-lb. Powder Mixers.
1—J. H. Day, Size "C" Powder Mixer, motor driven.
1—Copper Revolving Pan, 36" dia.
6—Pfaudler Jktd. Agtd. Kettles, 100, 125, 200 gal.
2—60 and 125 gal. Alum. Jktd. Kettles.
10—Copper Jktd. Kettles, 25 to 150 gal., some agitated.
8—Steel Jktd. Kettles, 600 to 1,200 gal., some agitated.
1—Copper Varnish Kettle, 175 gal.
2—1,750 gal. Lead Lined Closed Tanks.
4—W. & P. Mixers, 9, 20, 75 gal.
1—Howes 24" x 12" Powder Mixer.
1—Williams No. 1 Hammer Mill.
2—National Day Powder Fillers.
1—Karl Kiefer Visco Piston Type Filler, motor driven.
5—World, Ermold, National Labelers.
1—60 gal. Cast Semi-Steel Autoclave, agitated, 3" wall.
6—Shriver, Sperry Filter Presses, 36", 32", 30", 24", 18", 12".
5—Shriver Wood Filter Press Skeletons, 24" to 42".
4—Sharples No. 6 Centrifuges, open and Presurtite.
3—De Laval No. 300, 600, 700 Clarifiers.
1—Tolhurst 40" Suspended type, Bottom Discharge Centrifugal, solid basket, M.D.
5—Tolhurst 32", 40", 48" Self-Balancing Type Centrifugals.
3—Buflovak Vacuum Drum Dryers, 24" x 20", 48" x 40", 5' x 6'.
4—Atmos. Drum Dryers, 4' x 9', 5' x 7', 5' x 6', 28" x 60".
6—Copper and Steel Vacuum Pans, 50 to 750 gal.
2—Swenson Continuous Crystallizers, 24" x 30'.
3—Day 18" Pressure type ointment mills.
10—12" Belt Conveyors, 20 to 50' centers, built to specifications.
5—Rotary Dryers, 4' x 20' to 6' x 60'
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MIXERS

1—Howe Eureka Horizontal Double Ribbon Spiral Mixer, 5000 lbs. capacity, silent chain drive.

1—Robinson No. 8 Unique Batch Mixer, 2500 lbs. capacity, tight and loose pulley drive.

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2—Batteries (9 & 11) Tolhurst 40" Suspended Type. Centrifugals, Motor Driven, Bottom Discharge.

1—Chrystie 80"x45' Rot. Dryer.
1—Oliver 8'x10' Rot. Vac. Filter.
1—Tube Mill, 5'x15'.
2—Dorr 15' Bowl Classifiers.
1—Sturtevant 36" Rock Emery Mill.
1—No. 6 Sharples 2 H.P. Centrifuge.
1—Hammer Mill 7½ H.P.
1—Steel Ball Mill, 35 gals.
1—Adamson 6" Extruder.
25—New stainless Steel Tanks, 100 to 1,000 gals.
New Water Stills, Gas and Elec.
10—Pony Mixers, 15 and 40 gals.
500-ft. Ball Bearing Roller Conveyor, 12" & 15" wide, 10-ft. lengths.
12—Filter Presses, Iron, Wood and Rubber, 18" to 42" sq.
4—Centrifugals, 20", 26" & 40".
5—0000 and No. 0 Raymond Mills.
1—Bonnot 27" dia. Iron Filter Press.
12—Vert. Jack. Agit. Kettles & Autoclaves to 1,500 gals.
2—250 & 1,500 gal. lead lined kettles.
1—250 gal. copper jack. vac. Still & Receiver.
1—Pfaudler 350 gal. Jack. Agit. Steel Kettle, Copper Lined.
1—700 gal. steel copper lined vac. Filter Tank.
6—20, 35, 75 & 250 gal. closed, jacketed Copper Kettles.
1—Dopp 50 gal. Jacketed Kettle.
15—50 gal. Steel Tanks, Nettco Drives.
1—Blystone 2,000 lb. horiz. Paddle Type Steel Mixer.
6—Horiontzal Mixers, 20 to 100 gals., Single & Double Arm.
1—Faust 150 gal. Spiral Mixer.
1—Jeffrey Type 2A Electric Vibrator Feeder with Variac Rheostat.
2—4,000 gal. Acid Proof Tanks.
2—Devine Horiz. Vac. Pumps, 8"x6"x4"x6".
2—Wall Vac. Pumps, 4"x2½".
1—Devine Vert. Condenser.
1—National Acme Model C20 stainless Steel Centrifuge.
2—De Laval Multiple Clarifiers, 300 & 301.
2—Rotary Screens, 18"x72".
6—Attrition Mills & Disc Grinders up to 22".
1—Ross 16"x40", 3 Roll Mill.
3—Double Stand Steel 4 Roller Mills, 7"x18" to 7½"x30".
10—Iron Mills, 12", 14" & 18".
8—Stone Mills, 8" to 32".
6—Lead & Paste Mixers to 72 gals.
3—Copper Varnish Kettles, 200 gals.
25—Steel & Wood Tanks, up to 4,000 gals.
1—Schutz-O'Neil 20" Pulverizer.
2—Double Roll Crushers.
1—Williams No. 3 "Regular" type Hammer Mill.
10—Electric Agitators, ¼ to 2 H.P.
20—Rotary, Centrif. & Triplex Pumps.
6—Gas Boilers, up to 10 H.P.

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1—Jumbo mixer 170 gallons.
1—3,500 gallon copper vacuum still.
2—Compression belts 6' and 11'.
10—Powder mixers 400 lbs. to 1,000 lbs.
2—Gehnrich gas fired truck dryers.
1—Styl-O-Mat unscrambling table.
1—Premier colloid mill 3 hp.
3—Dough mixers from 1½ barrel to 6 barrel.
5—Stills from 7 gallons to 1,650 gallons.
1—Williams size C hammermill.

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2—PFAUDLER G.L. Jack. Closed Kettles, 500 gal. with Ag.
1—PFAUDLER G.L. Closed Kettle, 500 gal.
1—KUX-LOHNER Heavy Duty 1" Rotary Tablet Machine.
3—STOKES Rotary B1 Tablet Machines.
1—DEVINE Vac. Pump, 52 CFM.
2—DRY POWDER Mixers, 1,000 & 2,000 lbs. capacities.
2—12" C. I. SHRIVER Filter Presses, Closed Delivery.

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Copper Steam Jacketed Kettles with and without Agitators.
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Johnson and Oliver Sweetland Filter Presses.
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1—Raymond 5-Roll high side Pulverizer.
1—4 x 6' Atmospheric Drum Dryer.
1—Raymond 0000 Imp Mill.
1—6' Buflovak Vacuum Crystallizer.
1—3 x 15' direct heat Rotary Dryer.
1—24" Mikro Pulverizer belt drive.
3—Lead Lined Tanks, 400-1,000 gallons.
1—Buflovac 10 gal. Jack. Autoclave.
1—6x5' Bronze drum Vacuum drum Dryer.
4—Portable Elevators—500 and 1,000 lb.
1—10 x 20 x 12" Union Dry Vacuum Pump.
2—No. 600 De Laval Clarifiers.
1—No. 5 Sweetland Filter.
4—Water Stills: 10 and 25 G.P.H.
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1 Pump—C. S. Lewis, Vertical, Centrifugal 350 GPM, 75' at 1,720 RPM — Type CL-2234. Cast Iron.

1 Pump—Lewis Vertical C. S. Centrifugal, No. 3791, Type CL-2404, 240 GPM, 40' at 1,150 RPM, with 25 H.P. motor.

2 Pumps — Hard Lead LaBour, Size No. 2, Type S, Self-Priming, All Lead, with Illium Impellors, Shafts and Glands. Cap. 125 to 150 GPM, against 6' Suction Lift Below Pump, Static Above 30'. 1 Pump with 15 H.P. motors each.

3 Pumps—LaBour, Size No. 1-½, Cast Iron, Type MPL, 2 Pumps with 10 H.P. motor.

2 Pumps—LaBour, Size No. 3-½, Type MPL, Self-Priming, Cast Iron, Impellors, Shafts and Glands. 300 GPM, Suction Lift Below Pump 8', Static Above Pump 17', each with 15 H.P. motor.

1 Pump—Lewis Centrifugal, 200 GPM, 25 Ft. at 1,150 RPM, Type MA-1852 A with 3 H.P. motor.

1 Pump—Lewis Vertical Centrifugal. Type CL-0722½, with 1½ H.P. motor.

1 Pump—Size 4CL, Lewis Vertical Centrifugal. Type CL-2234, 240 GPM, 40 Ft. 1,150 RPM, with 15 H.P. motor.

4 Pumps—LaBour, Size No. 15, Type DPL, Self-Priming, Cent., Cast Iron, G 60 Impellors and Shaft Mounted on Size 28-H, Base to accommodate a 10 H.P. Frame 324.

1 Pump—LaBour, Size 35, Type DPL, Horiz. Self-Priming Cent. all wetted parts of Elec. Furnace C. I. including Impellor. Type ML bearing bracket with "D" type casing, with 15 H.P. motor.

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T & B STANDARDIZED GUMS are your best protection against production difficulties.
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THURSTON & BRAIDICH
286 Spring Street New York 13, N.Y.

Botanical Drugs

—Continued from page 62

rels. And the arrival failed to bring price concessions among present spot holders.

Roots

Aconite — Another arrival in the amount of 25 bales was noted last week on a ship from Barcelona, Spain. The market tended toward easier position as competition became more a part of the spot market.

Aletris—Collections in the domestic primary market are not coming along in volume desirable if manufacturing requirements are to be met during the coming consuming year. Mighty little root is being carried over.

Dandelion—It remains to be seen if Europe will be a shipper of this item this year. To date, supplies have come from the Argentine, recent arrivals from that country being noted.

Galangal—Chinese botanicals are gradually returning to the shipment markets and dealers expect some offerings and shipments in the not far distant future.

Gentian—More competition accompanied recent arrivals. Whole root was lower at 30c. to 32c. ground, 34c. to 35c.; powder, 35c. to 36c.

Jalap—From Vera Cruz came 60 bags of this root last week. The stock arrived on a very firm spot market, one where competition was not conspicuous and in which demand supported prices well.

Orris—Italy is returning to the export of this item very well. The latest addition to spot stocks totaled 145 bales and they came from Venice. Competition on spot has increased.

Sarsaparilla—Mexican saffron held steady in price notwithstanding the fact that 6 more bales reached here from Tampico. Honduras root showed an easier tendency but American root held firm in line with the subnormal prospect for collection this year.

Seeds

Caraway—No end to price decline in this item. Canadian was marked down to 35c. to 35½c. per pound; domestic seed, 35c. to 36c.; Danish, 30c. to 31c.; Dutch, spot, 30c. to 31½c., and futures, 26½c. to 27c.

Cardamom—Decorticated seed from either India or Guatemala were priced lower at $1 to $1.10 per pound.

Colchicum—An arrival of 12 bags from Trieste was noted last week.

Cumin—From Beyrouth came 722 bags of this item. Syrian futures were priced at 33c. to 33½c. per pound. Another arrival was 3,761 bags from Khorranshahi.

Poppy—Dutch seed was down to 36c. to 36½c. per pound; Danish, 34c. to 35c.; Swedish, 31c. to 31½c., and Turkish, afloat, 32c. to 32½c.

Quince—An arrival totaled 371 bags, coming here from Khorranshahi last week.

Spices

Cassia—Cassia bud futures were higher at 54c. to 55c. per pound. Selected rolls from China were lower at 38c. to 39c. Saigon, futures, 65c. per pound, nominal.

Cinnamon — The Department of Agriculture removed cinnamon from all quota restrictions last week. The order deleted cassia (cinnamon) from WFO 19.2. Pepper and nutmeg alone are now subject to that order. The action became effective May 1. The department acted because increased supplies are now available from China.

Ginger—An arrival of 362 bags from Freetown, Africa, was noted last week. Jamaica No. 3 was shaded to 15c. to 15½c. per pound. Offerings of Rhattoon at fractionally more than 14c. brought little buying interest.

Markets at Other Centers

Los Angeles, May 1.—Inquiries for botanical drugs and spices remained moderate here this week. Spot stocks are low. Prices remain steady and unchanged. Ruling prices are:—

Marjoram, French type, 35c. per pound in dried form.

Sage, Dalmatian type, 40c. per pound for lots said to contain less than 12 percent stems. Sage guaranteed to contain less than 5 percent stems was named at 65c. per pound. Leucophylla was quoted at 32c. per pound.

Savory, French type, 75c. per pound.

Sweet basil, 90c. per pound for lots containing less than 12 percent stems.

Tyme, French type, 90c. per pound in dried and clean form.

Sherwin-Williams Names Bivens to New Post

Carl R. Bivens, since 1939, St. Louis division manager for the Sherwin-Williams Company, paint manufacturer, Cleveland, has been appointed sales manager for the company's 'Lin-X' home products. His headquarters will be in Cleveland.

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Advertising Index

Acme Refining Corp. 49
Albek, Albert, Inc. 71
Allied Asphalt & Mineral Corp. 66, 75
Allison, Wm. M., & Co. 78
Alrose Chemical Co. 56
Amcon Trading Corp. 73
Amecco Chemicals, Inc. 70
American Agricultural Chemical Co. 1
American Bitumuls Company 71
American British Chem. Supplies, Inc. 39
American China Trading Corp. 42
American Cyanamid & Chemical Corp. 16, 17
American Firstoline Corp. 69
American Potash & Chemical Corp. 52
Ansul Chemical Co. 43
Armour Chemical Div. 70
Arnold-Hoffman & Co., Inc. 66

Baker, J. T., Chemical Co. 1, 50
Barcan, Irving, Co. 76
emical Co. 77
Chemicals, Inc. 40
boratories. 56
vision. 45, 46
ducts Co. 56
Steel Co. 47
Raw Products Co. 52
Co., Inc. 55
Brighton Copper Works. 43
Brill Equipment Co. 77
Brode Corp., The 73

Calif. Fruit Growers Exchange, Products Dept. 23, 65
Carbide & Carbon Chemicals Corp. 2
Centflor Manufacturing Co. 64
Ceramic Color & Chemical Mfg. Co. 40
Chemical & Process Machinery Co. 77
Chemical Products Corp. 43
Chemical Sales Corp. 80
Chemical Solvents, C. P., Inc. 80
Church & Dwight Co., Inc. 39
Coleman & Bell Co. 54
Colton, Arthur, Co. 54
Commercial Solvents Corp. 6
Concord Chemical Co. 74
Consumers Import Co., Inc. 65
Consolidated Products Co., Inc. 76
Continental Commodities Corp. 78
Crosby Chemicals, Inc. 69
Croton Chemical Corp. 44
Cyclo Chemical Corp. 54

Darling & Co. 74
Deep Rock Oil Corp. 49
Delton Products Corp. 42
Diamond Alkali Co. 41
Dickerson Company 45
Diehl, Wm., & Co. 73
Distillation Products, Inc. 55, 56
Dorward & Sons Co. 69
Dow Chemical Co. 21
Dreyer, P. R., Inc. 64
Duff Chemical Co., Inc. 40
Du Pont de Nemours, E. I., & Co., Inc. 15, 38
Durez Plastics & Chemicals, Inc. 31

Edcan Laboratories. 54
Edwal Laboratories. 54
Eimer & Amend. 57
El Dorado Oil Works. 75
Emsco Equipment Co. 77
English Mica Co. 70
Essential Aromatics. 64
Eston Chemicals, Inc. 39

Faesy & Besthoff, Inc. 80
Fairmount Chemical Co., Inc. 42
Felton Chemical Co., Inc. 65
Ferro Chemical Corp. 38
Fezandie & Sperrle. 59
Filtrol Corp. 28
Fine Organics, Inc. 80
First Machinery Corp. 76
Florasynth Laboratories, Inc. 63
Fritzsche Bros., Inc. 63
Fulton Bag & Cotton Mills 38

Gartenberg, H., & Co., Inc. 59
Gelb, R., & Sons, Inc. 76
General Biochemicals, Inc. 52
General Chemical Co. 12
General Drug Co. 22
General Mills, Inc. 79
Givaudan-Delawanna, Inc. 64
Golwynne Chemicals Corp. 13
Gray, William S., & Co. 1
Greeff, R. W., & Co. 51
Gross, A., & Co. 74
Gruman, J. B., Co. 48

Hardesty, W. C., Co. 73
Heyden Chemical Corp. 56
Hopkins, J. L., & Co. 61
Hunt Chemical Works, Inc. 42
Hutchinson, D. W., & Co., Inc. 63

Imperial Paper & Color Corp. 67
Industrial Raw Materials Co. 48, 73
Inland Alkaloid Company 53
Innis, Speiden & Co. 31
Interboro Chemical Co. 43
International Selling Corp. 43

Kansas City Limeolith Co. 68
Kelco Company 61
Kentucky Color & Chemical Co., Inc. 68
Keto Chemical Co. 52
Kettner, Max, Co. 78
Kolker Chemical Works. 43
Koppers Company, Inc. 47
Koster Keunen Mfg. Co., Inc. 73

LaPine, Arthur S., & Co. 52
Lemke, B. L., Co. 54
Lever Brothers Company 52
Lithaloys Corp. 42
Loeb, H., & Son. 76
Loeb Equipment Supply Co. 77
Lucidol Corp. 53
Lueders, George, & Co. 63

Machinery & Equipment Corp. 77
Magnus, Mabee & Reynard, Inc. 8, 63
Mathieson Alkali Works, Inc. 14
Mathieu, A. H., & Co., Inc. 40
McKesson & Robbins, Inc. 51
Menhaden Fish Products Co. 74
Metalloy Corporation. 43
Metalsalts Corp. 57
Michigan Chemical Corp. 40
Mineral Pigments Corp. 71
Miranol Chemical Co., Inc. 40
Monsanto Chemical Co. 19, 35
Mutual Chemical Co. of America. 59

National Oil Products Co. 58
National Rosin Oil & Size Co. 72
Natural Products Refining Co. 59
Neu, Hugo. 77
Neuberg, William D., Co. 11
Neville Company. 67
Newark Steel Drum Co. 43, 76
New Jersey Zinc Company. 30
New York Color & Chemical Co. 41
Niacet Chemical Corp. 40
Niagara Chlorine Products Co. 59
Norda Essential Oil & Chemical Co., Inc. 64
Nuodex Products Co., Inc. 74

Pacific Coast Borax Co. 1
Pancoast, B. K., Co., Inc. 70
Paramet Corporation. 66
Parsons, M. W. 66
Peek & Velsor, Inc. 62
Penick, S. B., & Co. 60
Pennsylvania Coal Products Co. 52
Pennsylvania Refining Corp. 49
Pensacola Municipal Advertising Board 68
Petrolite Corp., Ltd. 74
Pfizer, Chas., & Co., Inc. 37
Pittsburgh Coke & Chemical Co. 60
Pittsburgh Plate Glass Co., Columbia Chemical Division. 39
Polychemical Co. 58
Potash Co. of America. 45
Prentiss, R. J., & Co., Inc. 53, 62
Prior Chemical Corp. 1
Procter & Gamble. 52, 74
Purocaine, Inc. 53

Read, Chas. L., & Co., Inc. 39
Reconstruction Finance Corp. 56
Riches-Nelson, Inc. 40
Rimberg, A. J., & Co. 74
Rosenthal, H. H., Co. 40
Rufert Chemical Co. 13

S. N. DeM. Sc. (Botany), Ltd. 78
Schimmel & Co., Inc. 65
Seydel Chemical Co. 54
Sharples Chemicals, Inc. 1
Shell Chemical Corp. 20
Shell Oil Co., Inc. 72
Skelly Oil Co. 27
Smith Chemical & Color Co., Inc. 80
Socony-Vacuum Oil Co., Inc. 71
Solvay Sales Corp. 29
Standard Alcohol Co. 71
Standard Oil Co. (Indiana) 49
Standard Specialty & Tube Co. 55
Standard Ultramarine Co. 68
Stauffer Chemical Co. 43
Stein Equipment Co. 77
Strong Cobb, Inc. 25

Classified Advertisements will be omitted until further notice.

Tarzana Herb Farms. 78
Taylor, Chas. T., Co. 65
Tennessee Products Corp. 38
Thurston & Braidich. 78
Titanium Pigment Corp. 28
Todd, A. M., Co. 65
Tombarel Products Co. 64
Trade Laboratories. 72
Turner, Joseph, & Co. 71

Union Carbide & Carbon Corp. 2
Union Standard Equipment Co. 77
U. S. Industrial Chemicals, Inc. 33
U. S. Steel Products Co. 48
United States Potash Co., Inc. 45
Utility Color Company. 70

van Ameringen-Haebler, Inc. 64
Velsicol Corp. 34
Victor Chemical Works. 44
Virginia Smelting Co. 40
Virginian Gasoline & Oil Co. 48
Vitamins, Inc. 54
Vitamoil Laboratory, Inc. 57
Vitro Manufacturing Co. 42
Vulcan Chemical Co. 72

Warwick Chemical Co. 69
Wax & Rosin Products. 75
Will & Baumer Candle Co., Inc. 74
Wilson-Martin Div. 73
Witco Chemical Company. 32

Ziegler Pharmacal Co. 56
Zink & Triest Co. 78
Zinsser & Co., Inc. 42

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Per share	1.32	.61

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	1946	1945
Net income	$3,421,161	$6,961,741
Per share	1.20	2.43

Corn Products Refining Co.

	1946	1945
Net income	$1,068,470	$2,212,377
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